CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board
Division of Drinking Water

August 12, 2015
System No. 1500571

Danny Doustan, Owner
Lucky 18 on Rosamond, LLC Water System
65 Dianas Trail
Roslyn, NY 11576

RE: NONCOMPLIANCE WITH THE DOMESTIC WATER SUPPLY PERMIT REQUIREMENTS
Lucky 18 on Rosamond, LLC Water System

Dear Mr. Doustan:

Attached you will find Citation No. 03-19-15C-011 that the State Water Resources Control Board, Division of Drinking Water (hereinafter Division) is issuing to the Lucky 18 on Rosamond, LLC Water System Water System (hereinafter Water System) to document the Water System's noncompliance with the Domestic Water Supply Permit requirements, as specified in the California Health & Safety Code (CHSC) (details provided in Citation No. 03-19-15C-011).

Based on a review of the Division's records, the Lucky 18 on Rosamond, LLC Water System has failed to submit the submit the permit application for change in ownership and permit fee of $155 to the Division. On July 2, 2013, the Division sent a permit application package to the Water System, requesting the Water System to submit a domestic water supply permit application for change in ownership of the Water System. Furthermore, the Division issued Citation No. 03-19-13C-050 on September 12, 2013, to the Water System, for non-compliance with the bacteriological monitoring and reporting regulations for the months of July and August of 2013. By Directive No. 6 of the above-mentioned citation, the Water System was directed to submit a permit application for the change in ownership. Moreover, Enforcement Letter No. 03-19-14E-006 was issued on February 14, 2014, to the Water System, for the failure to submit the permit application for change in ownership and permit fee of $155.

Please note that by September 30, 2015, the Water System shall complete and submit the permit application (along with all necessary enclosures including Technical, Managerial, and Financial Capacity Assessment document) provided in Attachment B of the Citation, along with the permit fee. The appropriate fee is $155.00 for a permit for change in ownership. Failure to comply with the citation directives will result in additional enforcement action, including assessment of a civil penalty. If you have any questions concerning any directive of the Citation, please call the Tehachapi District Office of the Division at (661) 335-7315.

Sincerely,

Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer
DRINKING WATER FIELD OPERATIONS BRANCH

Enclosure: Citation No. 03-19-15C-011
CC: Kern County Environmental Health Services Department (w/o enclosure)
Daniel W. Sackett, skOO'kum h20 monitoring, inc. (via e-mail)

STATE OF CALIFORNIA

WATER RESOURCES CONTROL BOARD

DIVISION OF DRINKING WATER

IN RE: **LUCKY 18 ON ROSAMOND, LLC**
Water System No. 1500571

TO: Mr. Danny Douston, Owner
Nahat El, LLC.
65 Dianas Trail
Roslyn, NY 11576

CITATION FOR NONCOMPLIANCE

FAILURE TO SUBMIT PERMIT APPLICATION AND APPLICATION FEE

LUCKY 18 ON ROSAMOND, LLC WATER SYSTEM, SYSTEM NO. 1500571

CITATION NO. 03-19-15C-011

Issued on August 12, 2015

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (CHSC) authorizes the issuance of a citation to a public water system for violation of the California Safe Drinking Water Act (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board, acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to Lucky 18 on Rosamond, LLC Water System (hereinafter 'Water System'), for failure to comply with Section 116525(a) of the CHSC.

A copy of the applicable authorities is provided in **Attachment A** which is attached hereto and incorporated by reference.

STATEMENT OF FACTS

The Water System is not currently operating under a valid domestic water supply permit. Lucky 18 on Rosamond, LLC is a community water system serving a population of approximately 73 residents through 60 service connections. The Water System's current Domestic Water Supply Permit No. 03-12-95P-047 was issued on December 19, 1995. The Division became aware of a change in ownership of the Water System in early 2013. On July 2, 2013, the Division sent a permit application package to the Water System, requesting the Water System to submit a domestic water supply permit application for change in ownership of the Water System. A copy of the permit application package dated July 2, 2013, is provided in **Attachment B**. The Division issued Citation No. 03-19-13C-050 on September 12, 2013, to the Water System, for non-compliance with the bacteriological monitoring and reporting regulations for the months of July and August of 2013. By Directive No. 6 of the above-mentioned citation, the Water System was directed to submit a permit application for the change in ownership. Moreover, Enforcement Letter No. 03-19-14E-006 was issued on February 14, 2014, to the Water System, for the failure to submit the permit application for change in ownership and permit fee of $155.

DETERMINATION

Section 116525 (a) states that no person shall operate a public water system unless he or she first submits an application to the department and receives a permit as provided in this chapter. A change in ownership of a public water system shall require the submission of a new application.

The Division has not received the permit application, permit fee, and other required documents needed as part of the permit process. The Water System is in violation of Section 116525 (a) of the CHSC.

This is classified as a non-continuing violation.

DIRECTIVES

The Water System is hereby directed to take the following actions:

1. By **September 30, 2015,** the Water System shall complete and submit the permit application (along with all necessary enclosures including Technical, Managerial, and Financial Capacity Assessment document) provided in **Attachment B,** along with the permit fee. The appropriate fee is $155.00 for a permit for change in ownership.

2. All submittals required by this Citation shall be submitted to the Division at the following address:

   Jaswinder S. Dhaliwal, P.E.
   State Water Resources Control Board
   Division of Drinking Water, Tehachapi District
   4925 Commerce Drive, Suite 120
   Bakersfield, CA 93309

The Division reserves the right to make such modifications to the Citation as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves Lucky 18 on Rosamond, LLC of its obligation to meet the requirements of the California SDWA (CHSC, Division 104, Part 12,

Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued or adopted thereunder.

PARTIES BOUND

This Citation shall apply to and be binding upon the Lucky 18 on Rosamond, LLC, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The Directives of this Citation are severable, and the Lucky 18 on Rosamond, LLC shall comply with each and every provision hereof, notwithstanding the effectiveness of any other provision.

FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the Board to: issue a citation with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the Water Board; and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the Water Board. The Water Board does not waive any further enforcement action by issuance of this Citation.

CIVIL PENALTIES

Section 116650, subsections (d) and (e) of the CHSC allow for the assessment of a civil penalty for failure to comply with the requirements of the Safe Drinking Water Act. Failure to comply with any provision of this Citation may result in the Division imposing a penalty in an amount not to exceed one thousand dollars ($1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

August 12, 2015
Date

Jaswinder Dhaliwal
Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer
Drinking Water Field Operations Branch

Certified Mail No. 7015 0920 000 3175 8433

Attachments:
Attachment A: Copy of the Applicable Authorities
Attachment B: Copy of the Permit Application Package Dated July 2, 2013

CC: Kern County Environmental Health Services Department (w/o attachments)
Dan Sackett, skOO'kum h_2o Monitoring, Inc. (via e-mail)

Attachment A

Copy of the Applicable Authorities

(b) Notwithstanding any other provision of law, the department may enter into written contracts for remedial action taken or to be taken pursuant to subdivision (a), and may enter into oral contracts, not to exceed ten thousand dollars ($10,000) in obligation, when, in the judgment of the department, immediate remedial action is necessary to remedy or prevent an emergency specified in subdivision (a). The contracts, written or oral, may include provisions for the rental or purchase of tools and equipment, either with or without operators, for the furnishing of labor and materials and for engineering consulting necessary to accomplish the work.

§116485. Exemption for emergency grants.

Any remedial action taken or contracted for by the department pursuant to Section 116480 shall be exempt from the following provisions:

(a) State Contract Act provided for pursuant to Chapter 1 (commencing with Section 10100) of Part 2 of Division 2 of the Public Contract Code.

(b) Chapter 10 (commencing with Section 4525) of Division 5 of Title 1 of the Government Code.

(c) Section 14780 of the Government Code and Article 5 (commencing with Section 10355) of Chapter 2 of Part 2 of Division 2 of the Public Contract Code.

(d) Article 4 (commencing with Section 10335) of Chapter 2 of Part 2 of Division 2 of the Public Contract Code.

Article 6. Enforcement Responsibility

§116500. Contract county authority.

This chapter shall be enforced directly by the department for all public water systems, including state small water systems, in any county that does not have a local health officer, or contracts with the department for environmental health services pursuant to Section 1157 and elects not to enforce this chapter.

Article 7. Requirements and Compliance

§116525. Permits.

(a) No person shall operate a public water system unless he or she first submits an application to the department and receives a permit as provided in this chapter. A change in ownership of a public water system shall require the submission of a new application.

(b) The department may require a new application whenever a change in regulatory jurisdiction has occurred.

(c) The department may renew, reissue, revise, or amend any domestic water supply permit whenever the department deems it to be necessary for the protection of public health whether or not an application has been filed.

§116530. Technical report.
A public water system shall submit a technical report to the department as part of the permit application or when otherwise required by the department. This report may include, but not be limited to, detailed plans and specifications, water quality information, and physical descriptions of the existing or proposed system, and financial assurance information.

§116535. Permit application review.
Upon determination that an application submitted pursuant to this chapter is complete, the department shall make a thorough investigation of the proposed or existing plant, works, system, or water supply, and all other circumstances and conditions that it deems material, including any required financial assurance information.

§116540. Issue, deny or conditional permits.
Following completion of the investigation and satisfaction of the requirements of subdivisions (a) and (b), the department shall issue or deny the permit. The department may impose permit conditions, requirements for system improvements, and time schedules as it deems necessary to assure a reliable and adequate supply of water at all times that is pure, wholesome, potable, and does not endanger the health of consumers.

(a) No public water system that was not in existence on January 1, 1998, shall be granted a permit unless the system demonstrates to the department that the water supplier possesses adequate financial, managerial, and technical capability to assure the delivery of pure, wholesome, and potable drinking water. This section shall also apply to any change of ownership of a public water system that occurs after January 1, 1998.

(b) No permit under this chapter shall be issued to an association organized under Title 3 (commencing with Section 18000) of Division 3 of the Corporations Code. This section shall not apply to unincorporated associations that as of December 31, 1990, are holders of a permit issued under this chapter.

§116545. Public hearings.
Prior to the issuance of any new, revised, renewed, or amended permit, or the denial of a permit, the department may conduct a public hearing to obtain additional public comment. Notice of the hearing shall be provided to the applicant and interested persons at least 30 days prior to the hearing. The department may require the applicant to distribute the notice of the hearing to affected consumers.

(c) The department may temporarily suspend any permit issued pursuant to this chapter prior to any hearing when the action is necessary to prevent an imminent or substantial danger to health. The director shall notify the permittee of the temporary suspension and the effective date thereof and, at the same time, notify the permittee that a hearing has been scheduled. The hearing shall be held as soon as possible, but not later than 15 days after the effective date of the temporary suspension and shall deal only with the issue of whether the temporary suspension shall remain in place pending a hearing on the merits. The temporary suspension shall remain in effect until the hearing is completed and the director has made a final determination on the temporary suspension, that in any event shall be made within 15 days after the completion of the hearing. If the determination is not transmitted within 15 days after the hearing is completed, the temporary suspension shall be of no further effect. Dissolution of the temporary suspension does not deprive the department of jurisdiction to proceed with a hearing on the merits under subdivision (a).

Article 9. Remedies

§116650. Citations.

(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The department may assess a penalty in an amount not to exceed one thousand dollars ($1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

§116655. Orders.

(a)Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

(1) Directing compliance forthwith.

(2) Directing compliance in accordance with a time schedule set by the department.

Attachment B

Copy of the Permit Application Package Dated July 2, 2013

State of California—Health and Human Services Agency
California Department of Public Health

RON CHAPMAN, MD, MPH
Director & State Health Officer

EDMUND G. BROWN JR
Governor

July 02, 2013

Mr. Danny Douston, Owner
Nahat El, LLC.
65 Dianas Trail
Roslyn, NY 11576

Subject: Change of Ownership of Lucky 18 on Rosamond, LLC Water System
Water System No. 1500571; Water Permit No. 03-12-95P-047

Dear Mr. Douston:

This letter is regarding the change of ownership of Lucky 18 on Rosamond, LLC Water System (hereinafter Water System). The Department has been informed by Mr. Brian Bailey, the Water System's Manager, that you acquired ownership of the Water System in 2012; therefore; we requested you to complete and submit a domestic water supply permit application for change of ownership of the Water System (along with all enclosures including Technical, Managerial, and Financial Capacity Assessment document). Any time a public water system changes ownership, a new drinking water supply permit is required by the Department.

The Water System is classified as a *community* water system in our inventory of public water systems. The Water System's current Domestic Water Supply Permit No. 03-12-95P-047 was issued on December 19, 1995. Any time a public water system changes ownership, a new drinking water supply permit is required by our Department. Outlined below are the Department's requirements for processing an application for a drinking water supply permit for an existing community water system that has changed ownership and is using groundwater as its source of supply.

1. **Permit Application**

For all new water supply systems and existing systems that have changed ownership, an application must be submitted to the Department for a drinking water supply permit. The permit application that must be completed on the part of the applicant is provided in (*Attachment A*). Please note that an application fee must be submitted with the completed application package. For an existing community water system, the appropriate fee is currently $155.00.

2. **Technical, Managerial and Financial (TMF) Requirements for Change of Ownership of Community Public Water Systems**

Enclosed is a document entitled "*TMF Capacity Assessment Form*" (*Attachment B*) that outlines the steps that must be taken to ensure the ongoing viability of public water supply systems. Please review this information closely and submit the *Mandatory* documentation pertaining to community water systems with the permit application. A time schedule will be included in the permit for implementation of the *Necessary* elements that have not yet been developed.

3. **Water Quality Monitoring**

Community water supply systems are required to conduct monitoring of the water from each source, including surface water, and from the distribution system on an ongoing basis, as outlined below. In order to maintain the required monitoring schedule, all water quality records should be obtained from the previous owners.

Chemical Monitoring of the Source: The required chemical water quality monitoring is outlined in (*Attachment C*), *Water Quality Monitoring Schedule* **CTGD**. Please note that this monitoring schedule does not apply to purchased or surface water sources. Also enclosed (*Attachment D*) are *Last Sample Date & Monitoring Schedule* and *Last Sample for All Constituents-All Results Report* from our water quality database. **Please review these reports, conduct the needed source water quality monitoring and advise your contract laboratory to submit the results electronically to our database using the Primary Station (PS) Codes of 1500571-001 for Well 01, and 1500571-002 for Well 02.** Due to ongoing arsenic MCL violation of Well 01 and Well 02, you are required to conduct quarterly arsenic monitoring of Well 01 and Well 02. Last arsenic sampling of the wells was conducted April 2013. Please make sure to advise your contract laboratory to report all Title 22 source chemical monitoring results under the correct PS Code for Well 01 and Well 02.

Compliance with the Arsenic MCL of 0.010 mg/L

Based on our review, water produced by Well 01 and Well 02 that serve the Water System, does not meet the arsenic MCL of 0.010 mg/L. On January 23, 2009, the Department issued Compliance Order No. 03-19-09O-017 (*Attachment E*) to document the arsenic MCL violation. As discussed in the compliance order, the Water System has an ongoing arsenic MCL violation and is required to provide quarterly pubic notification to the customers of the Water System. The Water System is also required to find a long term solution to the arsenic problem. Rosamond CSD is already working with the Department on a funding project for a regional consolidation project which will provide funding for consolidation of several small systems (with ongoing water quality violations) in the area and the Water System is included in that project. **Until the Water System is back in compliance with the arsenic MCL, quarterly arsenic monitoring and quarterly public notification must continue.**

Public Notification Requirement for Arsenic MCL Failure
The Water System is required to provide quarterly public notification of the ongoing arsenic MCL violation as long as the violation continues. A review of our records indicates that the Water System has not been providing quarterly public notification. According to our records, the last arsenic monitoring was conducted in April 2013 and results from that sampling should be used to provide public notification. The Water System must provide next quarterly public notification by June 30, 2013, by using the results from April 2013 monitoring. *Attachment F* is a template of the public notice that you may use for providing public notification for the current notification (due before June 30).

Also included under *Attachment F* is the proof of notification form that must be returned to the Department within 10 days of issuance of each quarterly public notification. **Please include a copy of the final notice with the proof of notification form.**

Distribution System Bacteriological Monitoring: The bacteriological monitoring frequency is based on the population served by the water system, and is one sample per month for the Water System. Bacteriological samples must be collected from within the distribution system in accordance with an approved Bacteriological Sample Siting Plan (discussed further in Item 4). All bacteriological sample results shall be submitted to our office by the 10th day of the month following sample collection. Samples must be collected by trained persons, and analyzed by a certified laboratory. Guidelines about how to collect samples for analysis are provided in (*Attachment G*), *Bacteriological Monitoring Requirements for Small Water Systems.*

4. **Bacteriological Sample Siting Plan**

The distribution system is required to be monitored monthly for total coliform bacteria. A bacteriological sample siting plan (BSSP) is on file; however, the BSSP was prepared in 1992 and must be updated. The sample siting plan is to identify locations to be used for routine and repeat sample collection in conformance with the requirements specified in Title 22, California Code of Regulations (CCR, Sections 64421 to 64430). Please see (*Attachment H*), for a sample plan and guidelines for completing a Bacteriological Sample Siting Plan.

5. **Groundwater Rule Compliance**
The US Environmental Protection Agency (USEPA) adopted the Groundwater Rule in December 2009 to provide increased protection against microbial pathogens in groundwater. Effective August 18, 2011, the California Department of Public Health (CDPH) has adopted the rule for enforcement in California. As such, you are required to comply with the federal requirements of the Groundwater Rule. *This rule does not apply to wells that have been deemed to be under the influence of surface water (GWUDI).*

The basic requirements for public water systems under the federal Groundwater Rule (GWR) include:

a). **Triggered Source Monitoring** – Beginning December 1, 2009, fecal indicator monitoring (as *E. coli*) is being required from all of the water system's groundwater sources whenever a distribution bacteriological sample shows the presence of total coliform bacteria, unless the water system has an approved plan for representative monitoring of its sources.

Written response to the CDPH-Tehachapi District is required to identify the type of triggered source monitoring for your water system, and which should acknowledge one of the following: The water system will **sample each source** when a routine distribution bacteriological sample shows the presence of total coliform bacteria. Please find the form and instructions in (*Attachment I*).

6. **Lead and Copper Tap Monitoring**

As a community water system, you are required to monitor your customers' water taps for lead and copper. The initial monitoring requirements for lead and copper has already been completed, and the Water System is required to monitor once every three years by collecting samples from five different taps. **The next sample is due this summer (June to September 2013) before end of September 2013 and every three years thereafter.** Guidelines for Lead and Copper sampling and reporting are provided (see *Attachment J*). After conducting the monitoring, please submit a copy of the results along with form 141-AR. Also provided under *Attachment J,* is a summary of lead and copper monitoring from our database.

7. **Distribution System Operator Requirement**

As a community water system, you are required to employ or contract with a distribution system operator who is certified by the Department as at least a Grade D1 operator. Only a certified operator is allowed to make decisions regarding operation of the water system. For your system, this will primarily be related to disinfection of the system following maintenance and repair, installing new appurtenances, and cases of bacteriological contamination. Contact information for the distribution operator should be provided in the permit application.

8. **Emergency Notification Plan, Annual Report, Consumer Confidence Report**

An Emergency Notification Plan must be provided to the Department prior to permit approval, specifying the responsible parties to be contacted in an emergency. The plan must also identify the method to be used to notify customers of water quality emergencies. Please use the Form (*Attachment K*) for providing us this information.

The hyper-link below provides instructions and a template for completing a Consumer Confidence Report.

http://www.cdph.ca.gov/certlic/drinkingwater/Pages/CCR.aspx

Please note that the CCR is due on July 1 of each year. **A review of our records indicates that we haven't received a copy of the 2012 CCR and certification form. Please issue the 2012 CCR to customers of the Water System and submit a copy of the CCR along with a CCR certification form to avoid enforcement action by the Department.**

Annual Report to the Drinking Water Program (ARDWP) is due on March 31 of each year and should be completed by logging on to: www.drinc.ca.gov.

9. **Annual Operating Fees**

Please be advised that *community* water systems are required to pay an annual operating fee to the local enforcement agency, which in Kern County is the State Department of Public Health. Currently, the annual operating fee is $ 6.00 per Service Connection but not less than two hundred fifty dollars ($250) per water system and the Department will send invoices to all water systems for the annual operating fee after the beginning of each new fiscal year. In addition, the Department will charge at the current hourly billing rate of $124 (subject to change) for any enforcement actions that are necessary to be taken against the water system.

Please be advised that you are now responsible to ensure compliance with the requirements of the Safe Drinking Water Act as applicable to the Lucky 18 on Rosamond, LLC Water System. You are also responsible to obtain a new domestic water supply permit from the Department. Operating a public water system without a permit from the Department is a violation of the California Health & Safety Code and may lead to formal enforcement action by the Department.

The permit application should be submitted to our office, with all required information, within 60 days of this letter. Once the application has been received, our office will begin evaluating the Technical, Managerial and Financial information provided. **If you need assistance in completing the TMF documents, please contact our office.** We may be able to arrange assistance from California Rural Water Association without any cost to you. If you require any further information or copies of any regulations applicable to public water supply systems, you may visit our web site at:

http://www.cdph.ca.gov/certlic/drinkingwater/Pages/default.aspx

or contact Mr. Elia Estasy, P.E., Associate Sanitary Engineer at (661) 335-7322.

Sincerely,

Jaswinder Dhaliwal

Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

CC: Kern County Environmental Health Services Department (w/out attachments)

Enclosures

Attachment A - *Permit Application Form EH100*
Attachment B - *TMF Capacity Assessment Form*
Attachment C - *Water Quality Monitoring Schedule (CTGD)*
Attachment D - *Copies of Reports from Water Quality Database*
Attachment E – *Compliance Order #03-19-09O-017*
Attachment F - *Arsenic Public Notice Template & Proof of Notification Blank Form*
Attachment G – *Bacteriological Monitoring Requirements for Small Water Systems*
Attachment H - *Guidelines for Completing a Bacteriological Sample Siting Plan*
Attachment I - *Groundwater Rule Compliance Acknowledgement Form*
Attachment J - *Guidelines for Completing Lead & Copper Sampling*
Lead and Copper data summary
Attachment K - *Emergency Notification Plan Form*

Attachment A

Permit Application Form EH100

STATE OF CALIFORNIA
APPLICATION
FOR
DOMESTIC WATER SUPPLY PERMIT
FROM

Applicant: _____
(Enter the name of legal owner, person(s) or organization)

Address: _____

System Name: _____

System Number: _____

TO: California Department of Public Health
Southern California Drinking Water Field Operations Branch
Tehachapi District Office
4925 Commerce Drive, Suite 120
Bakersfield, California, 93309

Pursuant and subject to the requirements of the California Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), Article 7, Section 116525, relating to domestic water supply permits, application is hereby made for a domestic water supply permit to operate _____
(Applicant should state the type of system, e.g., community,

_____
transient-noncommunity, or nontransient-noncommunity, and the proposed area of services. This application will also be used

_____
for a change in ownership application.

_____

_____

I (We) declare under penalty of perjury that the statements on this application and on the accompanying attachments are correct to my (our) knowledge and that I (we) are acting under authority and direction of the responsible legal entity under whose name this application is made.

By: _____

Title: _____

Address: _____

_____

Telephone: _____

Dated: _____

DDW 05/2001

DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER FIELD OPERATIONS BRANCH

INFORMATION TO ACCOMPANY
APPLICATION FOR A DOEMSTIC WATER SUPPLY PERMIT

(1) Name of Water System_____

Owner_____Phone_____

Owner's Email Address_____

Owner's Address_____

Physical Location Address_____

(2) Local Representative_____
(Name) (Title)

Address_____Phone_____

E-mail Address of Local Representative_____

(3) Community or Area Served_____ County_____
(submit map if available)

(4) Size of Water System

No. of Connections (initial)_____Population (initial)_____
No. of Connections (final)_____Population (final)_____

(5) Principal Features of System (provide locations, sizes, descriptions and materials used, where appropriate)

(a) Source of Supply_____

(b) Treatment Works_____

(c) Pumping Stations (booster pumps)_____

(d) Reservoirs (storage tanks)_____

(e) Distribution System (pipes)_____

Attachment B

TMF Capacity Assessment Form

California Department of Public Health
Drinking Water Program

TMF Assessment Form

ASSESSMENT TYPE: ☐ Funding Project ☐ New System ☐ Change of Ownership

WATER SYSTEM CLASSIFICATION:
☐ Community Water System
☐ Nontransient Noncommunity Water System
☐ Transient Noncommunity Water System

A. WATER SYSTEM INFORMATION

Water System Name:
Water System Number: CA _ _ _ _ _ _ _
Water System Physical Address: _____
City _____ Zip _____
County:
District Office or Local Primacy Agency:

B. PERSON COMPLETING THIS TMF ASSESSMENT (*Required fields)

*Name:	*Signature:
*Title :	*Date Assessment Completed:
*Phone Number:	Email Address:
*Company Name and Address: : _____	
City _____ Zip _____	

C. MAIN WATER SYSTEM CONTACT PERSON INFORMATION (To be completed only if it's different from B. above)

Name:	Title:
Phone Number:	Email Address:
Water System Mailing Address: _____	
City _____ Zip _____	

TMF Assessment Instructions

In California the technical, managerial, and financial (TMF) assessment must be completed by public water systems that are applicants for California Department of Public Health (CDPH) funding programs, new water systems, and changes of water system ownership.

To complete this assessment refer to the guidance and explanations in the TMF Criteria document located on the CDPH web site at:

http://www.cdph.ca.gov/certlic/drinkingwater/Pages/TMF.aspx .

If requested information has already been submitted with a funding application or directly to the CDPH district office or the LPA, note the location of that information on the assessment form in the comments space. Required documentation may be submitted electronically on a compact disk (if submission is electronic indicate on assessment).

For each TMF element described below place the required information in the appendix and identify it by an attachment number that corresponds to the TMF element number. For example, documentation required for element number seven, Water Rights, should be identified in the appendix as Attachment 7, Water Rights. In addition, in the comments section of each TMF element list the actual documents that are provided in the appendix. For example, under the Water Rights comments section indicate that in the appendix Attachment 7 contains copies of the deeds to Wells 1 and 2 and the State Water Resources Control Board surface water. Check all boxes that are applicable. If the item is not applicable check the NA box to show that these items have been considered.

TMF Elements

1. Consolidation Feasibility

[Funding Projects, New Systems, Change of Ownership - ***Mandatory***]

Each public water system applying for construction funding or a refinancing loan must perform an evaluation, including costs and feasibility, of physically consolidating with another public water system. Guidelines for when a consolidation is most feasible include, but are not limited to:

- when one of the water systems is located within another's established service area,
- when one of the water systems is within an existing General Plan's zone of influence of the other,
- Or when the water system is within five miles of another public water system.

If the water system applying for construction funding or a refinancing loan is a "small community water system" (which is defined as: a community water system that serves no more than 3,300 service connections or a yearlong population of no more than 10,000 persons) and the water system is considered "disadvantaged" (which is defined as: the entire service of area of a community water system, or a community therein, in which the median household income is less than 80 percent of the statewide average), consolidation is *highly*

encouraged and the water system may be allowed funding for a consolidation feasibility study and/or may be giving priority when seeking construction funding.

☐ List all large water systems and the number of connections that are within five miles of the system.
Record NA if there is no water system in the vicinity. ☐ NA

_____

_____

☐ Submit a consolidation assessment that includes the name of all water systems contacted, and the results of any consolidation discussions conducted with at least one system within the five mile radius. ☐ NA

Comments _____

_____

2. System Description

[Funding Projects - ***Necessary;*** New Systems and Change of Ownership - ***Mandatory***]

Provide a system map that illustrates the location of all of the components of the water system including the:

☐ Current service area boundary	
☐ Sources	☐ NA
☐ Treatment facilities	☐ NA
☐ Pumping stations	☐ NA
☐ Pressure zones	☐ NA
☐ Storage tanks	☐ NA
☐ Potential contamination hazards	☐ NA
☐ Projected ten-year growth boundaries	

Comments _____

_____

3. Certified Operators

[Funding Projects -***Necessary***; New Systems and Changes of Ownership- ***Mandatory***]

The regulating agency has determined that this water system needs a:

☐ Certified distribution operator, Grade _____	☐ NA
☐ Certified treatment operator, Grade _____	☐ NA

☐ Provide copies of current certificates with operator names and grades as documentation that the distribution and treatment operators are certified for the appropriate level that is required for the water system.

☐ For a contract certified operator, provide a copy of the contract that describes the: ☐ NA
- Level of certification that the operator will be required to maintain
- Specific duties for which the operator will be responsible
- Time to be spent serving the water system
- Procedures to follow for complaints, compliance discrepancies, and emergencies

Comments _____

_____

4. Source Capacity
[Funding Projects - ***Necessary***; New Systems and Changes of Ownership - ***Mandatory***]

At all times a water system must have the capacity to meet the system's maximum day demand and to ensure that it has suitably adequate sources of water supply to serve the needs of its constituents in the future. Develop and submit the following:

☐ Documentation which demonstrates that the water system has a sufficient water supply as described in California Code of Regulations, Section 64554.

☐ A water conservation plan to address potential drought conditions.

☐ A plan to install water meters on all connections as well as a master meter on each source in order to accurately measure water consumption. [Note that all water systems applying for CDPH funds must consider the feasibility of installing meters at each service connection that lacks a meter. Additionally, the funding requirements for the project must include conditions that the system will incorporate provisions into its operating procedures and expenses to read the meters and to charge rates based on usage.
☐ N/A – System is metered

☐ A map of the existing service area and surrounding locations that includes the location of all water sources as well as sources of potential contamination such as waste disposal sites, landfills, feedlots, underground storage tanks, out-of-service wells, and other potential contaminants.

☐ Documentation that demonstrates the water sources are protected from vandalism, tampering, contamination, or other threats.

☐ Ten year potential growth plans consistent with local land use plans and projected water demand. Describe how the system will ensure that potential water sources will meet all water quality standards.

☐ A plan to start the process to obtain additional water rights for new water sources if needed. ☐ NA

Comments _____

5. Operations Plan

[Funding Projects-*Necessary*; New Systems and Changes of Ownership- ***Mandatory***]

An operations plan describes all of the activities needed to maintain the system in compliance with all standards. Operations plans need to be updated whenever changes occur. The date of the latest operations plan review was _____.

Provide an operations plan that describes the tasks that would enable another qualified operator to assume the operation of the system in an emergency. Include tasks that will be completed:

- ☐ Daily
- ☐ Weekly
- ☐ Monthly
- ☐ Yearly

Include non-routine activities relating to:

- ☐ Positive analytical results
- ☐ Complaints
- ☐ Emergency operational practices
- ☐ Record keeping
- ☐ Other duties

Templates for a number of sample operations plan can be found on the CDPH web site at:

http://www.cdph.ca.gov/certlic/drinkingwater/Pages/TMF.aspx

Comments _____

_____

6. Training

[Funding Projects, New Systems, and Changes of Ownership - ***Necessary***]

Submit a plan describing the training that will be provided to ensure that everyone associated with the water system has the knowledge to competently comply with existing requirements and to be informed about new compliance requirements, new technologies, and newly identified hazards. The plan needs to describe the training for the following:

- ☐ Certified operators: Contact hours needed to maintain operator certification at the required grade for the system and other related training.
- ☐ Governing board and managers: Training that covers board and management roles and responsibilities including ethics and financial management.

☐ Other staff: Pertinent training to enable all staff to competently perform activities necessary to the operation and maintenance of the system.

Comments _____

_____

7. Ownership

[Funding Projects; New Systems, and Changes of Ownership - ***Mandatory***]

Ownership must be clearly identified for all components of the water system. Check the type of water system ownership:

☐ Sole proprietorship
☐ Partnership
☐ Corporation
☐ Mutual
☐ Governmental agency
☐ Other formation type

A copy of the deed for any well locations may document both ownership and water rights. Provide the following ownership documentation as hard copies or in electronic format:

☐ Formation papers such as incorporation articles, partnership documentation, by-laws, and governing ordinances. ☐ NA

☐ Deeds and other ownership documentation of all system property including land, buildings, wells, storage tanks, treatment facilities, and other system components. ☐ NA

☐ Easements, leases, or agreements for long term use regarding land or system components that are not owned by the water system. Specify the duration of the authorization. ☐ NA

☐ Encumbrances, trust indentures, bankruptcies, decrees, legal orders, or other items that may affect the owner's control of the water system. ☐ NA

☐ If the water system is under temporary ownership such as a developer, describe the timing for the change in ownership and the contact information for the eventual owner. ☐ NA

☐ If the owner of the water system has owned or managed any other public water system within the last ten years, list these systems by name and number. ☐ NA

☐ For a sole proprietor submit a plan that describes how the system will continue to be operated in the event the owner becomes incapable of carrying out this responsibility. ☐ NA

Comments _____

_____

8. Water Rights
[Funding Projects; New Systems, and Changes of Ownership - ***Mandatory***]

Provide the following documentation as hard copies or electronic format:

☐ List the current and emergency water sources that will be used to operate the system including groundwater, surface water, purchased water, and any other sources.

_____

☐ Describe the long-term availability of the sources used by the water system to meet a projected 10-year water demand. _____

_____

Groundwater: ☐ Yes ☐ No

- Unadjudicated Basin: Provide the following: ☐ NA

  ☐ A statement that the groundwater is extracted from a basin that is not adjudicated.

  ☐ Copies of the deeds for the parcels of each unadjudicated groundwater source used by the system.

- Adjudicated Basin: Attach the deed for the parcels of each adjudicated groundwater source that notes the adjudication or provide documentation of the Basin Water Master's terms of the adjudication as they relate to the water system's right to extract water from the adjudicated basin. ☐ NA

Surface Water: ☐ Yes ☐ No

Circle the type of water rights the water system holds for surface water from the list below:

a. Appropriative
   1) Pre-1914
   2) State Water Resources Control Board (SWRCB) Permit or License
b. Riparian

Appropriative

☐ If Pre-1914, provide a statement that water rights were established prior to 1914. ☐ NA

☐ If after 1914, provide a copy of the SWRCB water rights permit or license. Note that an application to the SWRCB does not document water rights. ☐ NA

Riparian

☐ Provide a statement that water is derived from a surface source pursuant to a riparian right. ☐ NA

Purchased Water: ☐ Yes ☐ No

☐ Provide a copy of the water service agreement for purchased water that specifies the duration of the authorization. Note that for funding projects the long term use agreements must extend for the life of the loan or a minimum of 20 years for grant funded projects. ☐ NA

Comments _____

_____

9. Organization

[Funding Projects – ***Necessary***; New Systems, and Changes of Ownership - ***Mandatory***]

In order to establish the lines of authority and communication between employees and management including the governing board, managers, certified operators, and clerical staff, provide a:

☐ Structural organizational chart for positions associated with the water system that indicates the lines of authority. Specify the frequency of board meetings where appropriate.

☐ Separate chart that lists the names and phone numbers of the specific people who fill those positions. Update this information as needed.

☐ List on the organization charts information on any contract certified operators the system may utilize. Indicate the level of certification and the number of hours for which the services of a certified operator are contracted. ☐ NA

Comments _____

_____

10. Emergency Response Plan

[Funding Projects – ***Necessary***; New Systems, and Changes of Ownership - ***Mandatory***]

A sample emergency response plan template is located on the CDPH website at:

http://www.cdph.ca.gov/certlic/drinkingwater/Documents/TMFplanningandreports/EmergencyResponsePlan_revised.doc

Ensure that the emergency response plan for the water system includes:

☐ A list of all disasters and emergencies that is likely to occur in the water system's service area. Include earthquakes, fires, and disinfection failure at minimum as well as flooding, water outages, water contamination, power outages, and other potential local emergencies.

☐ The names and contact information of water system personnel including the decision makers. Identify responsibilities, and provide a clear chain of command.

☐ An inventory of system resources used for normal operations and available for emergencies including maps and schematic diagrams, lists of emergency equipment and suppliers, emergency contract agreements, and emergency water interconnections or sources.

☐ A communication network that describes a designated location for an emergency operations center, emergency contact information for equipment suppliers, emergency phone and radio communication capabilities, coordination procedures with governmental agencies for health and safety protection, technical and financial assistance, and public notification procedures.

☐ Emergency procedures to quickly assess damage to water system facilities including logistics for emergency source activation and repairs, procedures for monitoring progress of repairs and restoration, and procedures for documenting damage and repairs.

☐ Describe steps that will be taken to resume normal operations and to submit reports to appropriate agencies.

Comments _____

_____

11. Policies

[Funding Projects; New Systems, and Changes of Ownership - ***Necessary***]

☐ A policy manual has been adopted that describes procedures pertinent to the management of the water system. At a minimum the policies described should cover:

a. Nonpayment of water charges
b. Unauthorized use of water
c. Hours worked and overtime
d. Complaint responses

e. Contract operators, if applicable
f. Governing board activities such as regulatory responsibilities, expenditure allowances, meeting notifications, resolution adoptions, and other issues as applicable

Comments _____

_____

12. Budget Projection / Capital Improvement Plan
[Funding Projects; New Systems, and Changes of Ownership - ***Mandatory***]

Use the sample 5-year budget projection/capital improvement plan (CIP) template, or an equivalent alternative, that is located on the CDPH website at http://www.cdph.ca.gov/certlic/drinkingwater/Documents/TMFplanningandreports/swsbudgetcalculator-CIPandMinRateGen.xls . This file consists of guidelines for completing this spreadsheet on the first Excel tab, the 5-year budget projection on the second tab, and the CIP on the third tab.

Submit the following:

☐ 5-Year budget projection/CIP template

☐ Documentation that reserve funds have been created for the CIP, operations and maintenance expenses, potential emergency needs, and any other reserve accounts necessary for the management of the system.

☐ Documentation of the current rate structure. ☐ NA

☐ Documentation of the average annual cost of water per connection for the last calendar year. ☐ NA

☐ Documentation that revenues cover expenses including the CIP reserve, or describe the plan to increase revenues to cover these expenditures? ☐ NA

☐ Where appropriate, include the Proposition 218 voter approval process that will be followed if a rate increase is planned. ☐ NA

☐ For investor owned systems documentation from the California Public Utilities Commission of an approved budget, CIP, and rate schedule. ☐ NA

☐ NEW SYSTEMS OR FUNDING PROJECTS ONLY: Proposed rate structure. ☐ NA

☐ NEW SYSTEMS OR FUNDING PROJECTS ONLY: Estimated average annual cost of water per connection based on the proposed new funding amount. ☐ NA

Comments _____

13. Budget Control

[Funding Projects - ***Necessary;*** New Systems, and Changes of Ownership - ***Mandatory***]

A financial policy that includes:

☐ Budget control procedures in which one person records a transaction and a manager review and approves it. Describe budget controls for:
   a. Cash receipts and disbursements
   b. Bank accounts
   c. Payroll

☐ Financial reports prepared for review by governing board such as:
   a. Customer Receivables Report
   b. Check Register Review
   c. Bank Reconciliation Report
   d. Budget Comparison Report
   e. Quarterly Comparative Balance Sheet
   f. Tax Returns

☐ Criteria and withdrawal guidelines for the maintenance of reserve accounts including:
   a. CIP Reserve
   b. Operations and Maintenance Reserve
   c. Contingency or Emergency Reserve
   d. Other Reserves

☐ Reporting procedures to appropriate levels of authority to ensure that there is no commingling of revenue sources. ☐ NA

☐ Periodic reviews of the budget status by a Certified Public Accountant or appropriately qualified financial officer of the water system to ensure continuing financial viability. Three years of the most current audited financial reports must be submitted for all CDPH funding projects. ☐ NA

Comments _____

Attachment C

Water Quality Monitoring Schedule (CTGD)

WATER QUALITY MONITORING SCHEDULE

Community System, <150 connections, groundwater in the vicinity of residential, commercial or other development (CTGD)

UPDATED APRIL 2012

This schedule supersedes all previous monitoring schedules.

Chemical - Title 22	MCL (mg/L)	EPA Method	Frequency
Primary Inorganics - Section 64432			
Aluminum	1		Every 3 years
Antimony	0.006		Every 3 years
Arsenic	0.010		Every 3 years*
Barium	1		Every 3 years
Beryllium	0.004		Every 3 years
Cadmium	0.005		Every 3 years
Chromium	0.05		Every 3 years
Cyanide	0.15		Waived
Fluoride	2.0		Every 3 years
Mercury	0.002		Every 3 years
Nickel	0.1		Every 3 years
Perchlorate	0.006		Every 3 years**
Selenium	0.05		Every 3 years
Thallium	0.002		Every 3 years
Asbestos - Section 64432.2			
Asbestos - Source Water	7 MFL		Every 9 years
Asbestos - Distribution System sampling If Asbestos-Cement pipe used	7 MFL		Every 9 years If Aggressive Index ≤ 11.5
Nitrate/Nitrite - Section 64432.1			
Nitrate (as NO3)***	45		Annually if < 23 mg/L***
Nitrite (as nitrogen)****	1		Every 3 years if <0.5mg/L****
Nitrate + Nitrite (sum as nitrogen)	10		N/A
Secondary Standards - Table 64449:A			
Aluminum	0.2		Every 3 years
Color	15		Every 3 years
Copper	1.0		Every 3 years
Foaming Agents	0.5		Every 3 years
Iron	0.3		Every 3 years
Manganese	0.05		Every 3 years
Methyl-*tert*-butyl ether (MTBE)	0.005	502.2, 524.2	See MTBE frequency on page 2
Odor	3		Every 3 years
Silver	0.1		Every 3 years
Thiobencarb	0.001		Waived
Turbidity	5		Every 3 years
Zinc	5		Every 3 years
General Minerals - Section 64449			
Bicarbonate	N/A		Every 3 years
Carbonate	N/A		Every 3 years
Hydroxide Alkalinity	N/A		Every 3 years
Calcium	N/A		Every 3 years
Magnesium	N/A		Every 3 years
Sodium	N/A		Every 3 years
Hardness	N/A		Every 3 years
pH	N/A		Every 3 years
Secondary Standards - Table 64449:B			
TDS	500-1000;1500		Every 3 years
Specific Conductance	900-1600; 2200		Every 3 years
Chloride	250-500;600		Every 3 years
Sulfate	250-500;600		Every 3 years

MCL = Maximum Contaminant Level

*Arsenic sampling shall be increased to quarterly following any result > 0.010 mg/L.

**This frequency applies only if initial monitoring shows no detectable perchlorate (<0.004 mg/L).

***Nitrate sampling shall be increased to quarterly following any result ≥ 23 mg/L.
This may be reduced to annual, upon request, if all 4 quarterly results are < 45 mg/L.

****Nitrite sampling shall be increased to quarterly following any result ≥ 0.5 mg/L.
This may be reduced to annual, upon request, if all 4 quarterly results are < 1.0 mg/L.

WATER QUALITY MONITORING SCHEDULE

Community System, <150 connections, groundwater in the vicinity of residential, commercial or other development (CTGD)

UPDATED APRIL 2012

This schedule supersedes all previous monitoring schedules.

Chemical - Title 22	MCL (mg/L)	EPA Method	Frequency *
VOCs - Table 64444-A (a)			
Benzene	0.001	502.2, 524.2	Every 6 years *
Carbon Tetrachloride	0.0005	502.2, 524.2	Every 6 years *
1,2-Dichlorobenzene	0.6	502.2, 524.2	Every 6 years *
1,4-Dichlorobenzene	0.005	502.2, 524.2	Every 6 years *
1,1-Dichloroethane	0.005	502.2, 524.2	Every 6 years *
1,2-Dichloroethane	0.0005	502.2, 524.2	Every 6 years *
1,1-Dichloroethylene	0.006	502.2, 524.2	Every 6 years *
cis-1,2-Dichloroethylene	0.006	502.2, 524.2	Every 6 years *
trans-1,2-Dichloroethylene	0.01	502.2, 524.2	Every 6 years *
Dichloromethane	0.005	502.2, 524.2	Every 6 years *
1,2-Dichloropropane	0.005	502.2, 524.2	Every 6 years *
1,3-Dichloropropene	0.0005	502.2, 524.2	Every 6 years *
Ethylbenzene	0.3	502.2, 524.2	Every 6 years *
Methyl-*tert*-butyl ether (MTBE)	0.013	502.2, 524.2	Every 6 years *
Monochlorobenzene	0.07	502.2, 524.2	Every 6 years *
Styrene	0.1	502.2, 524.2	Every 6 years *
1,1,2,2-Tetrachloroethane	0.001	502.2, 524.2	Every 6 years *
Tetrachloroethylene (PCE)	0.005	502.2, 524.2	Every 6 years *
Toluene	0.15	502.2, 524.2	Every 6 years *
1,2,4-Trichlorobenzene	0.005	502.2, 524.2	Every 6 years *
1,1,1-Trichloroethane	0.200	502.2, 524.2	Every 6 years *
1,1,2-Trichloroethane	0.005	502.2, 524.2	Every 6 years *
Trichloroethylene (TCE)	0.005	502.2, 524.2	Every 6 years *
Trichlorofluoromethane	0.15	502.2, 524.2	Every 6 years *
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	502.2, 524.2	Every 6 years *
Vinyl Chloride	0.0005	502.2, 524.2	Every 6 years *
Xylenes (total)	1.750	502.2, 524.2	Every 6 years *
SOCs - Table 64444-A (b)			
Alachlor	0.002		Waived *
Atrazine	0.001	505, 507, 508.1, 525.2	Every 9 years *
Bentazon	0.018		Waived *
Benzo(a)pyrene	0.0002		Waived *
Carbofuran	0.018		Waived *
Chlordane	0.0001		Waived *
2,4-D	0.07		Waived *
Dalapon	0.2		Waived *
Dibromochloropropane (DBCP)	0.0002		Waived *
Di(2-ethylhexyl)adipate	0.4		Waived *
Di(2-ethylhexyl)phthalate	0.004		Waived *
Dinoseb	0.007		Waived *
Diquat	0.02		Waived *
Endothall	0.1		Waived *
Endrin	0.002		Waived *
Ethylene Dibromide (EDB)	0.00005		Waived *
Glyphosate	0.7		Waived *
Heptachlor	0.00001		Waived *
Heptachlor Epoxide	0.00001		Waived *
Hexachlorobenzene	0.001		Waived *
Hexachlorocyclopentadiene	0.05		Waived *
Lindane	0.0002		Waived *
Methoxychlor	0.03		Waived *
Molinate	0.02		Waived *
Oxamyl	0.05		Waived *
Pentachlorophenol	0.001		Waived *
Picloram	0.5		Waived *
Polychlorinated Biphenyls	0.0005		Waived *
Simazine	0.004	505, 507, 508.1, 525.2	Every 9 years *
Thiobencarb	0.07		Waived *
Toxaphene	0.003		Waived *
2,3,7,8-TCDD (Dioxin)	0.00000003		Waived *
2,4,5-TP (Silvex)	0.05		Waived *

*** This frequency applies only to chemicals for which previous results have shown no detectable results (ND). Contact DWP for a special monitoring schedule when positive results are found.**

WATER QUALITY MONITORING SCHEDULE

Community System, <150 connections, groundwater in the vicinity of residential, commercial or other development (CTGD)

UPDATED APRIL 2012

This schedule supersedes all previous monitoring schedules.

Radiological Monitoring - Revised

1. Monitoring Requirements

Radioactivity - Section 64442	MCL***	EPA Method	Frequency
Gross Alpha*	15 pCi/L		4 quarters initial monitoring
Radium-226*	5 pCi/L		When (GA-Uranium) > 5 pCi/L**
Radium-228*	Radium-226 & -228		4 quarters initial monitoring
Uranium*	20 pCi/L		When GA > 5 pCi/L**
Man Made Radioactivity - Section 64443			
Tritium	20000 pCi/L		Not Required
Strontium	8 pCi/L		Not Required
Gross Beta	50 pCi/L		Not Required

* Gross alpha frequency already established by Department based on either grandfathered data from Jan. 1, 2001 to Dec. 31, 2004, or the initial monitoring conducted for a new source. Please contact the Tehachapi District Office if a frequency is needed or you may vist the following website: **http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Monitoring.aspx** to view the assigned frequencies to the water system's sources.

If the results from the first two quarters of initial monitoring are below the detection limit for purposes of reporting (DLR), the final two quarters of initial monitoring may be waived.

** If the gross alpha (GA) activity is more than 5 pCi/L, analysis for uranium may be used to obtain the radium-226 activity (Gross alpha - Uranium = Radium-226). If Gross alpha - Uranium > 0, call the DWP for further instructions. If Gross alpha - Uranium < 0, report only the Gross alpha and Uranium results. If the GA activity is more than 15 pCi/L, analysis for uranium must be performed.

***Contact the DWP if the MCL is exceeded.

2. After initial monitoring outlined above has been completed, the subsequent monitoring frequency will be based on the initial monitoring results as follows:

Gross Alpha	Monitoring Frequency
Less than 3 pCi/L	1 sample every 9 years
≥ 3 and ≤ 7.5 pCi/L	1 sample every 6 years
> 7.5 and ≤ 15 pCi/L	1 sample every 3 years

TRIGGERED MONITORING

1. If the Gross Alpha particle activity is less than or equal to 5 pCi/L, analysis for Uranium is not required.

2. If the Gross Alpha particle activity for any single sample is greater than 5 pCi/L, analysis for Uranium in that same sample is required. **If any single sample for Uranium is greater than 20 pCi/L,** monitor at least 4 quarters for Uranium.

3. If (Gross Alpha – Uranium) average is less than 15 pCi/L, but greater than 5 pCi/L, analyze for Radium 226 and Radium 228. **If (Ra-226 + Ra-228) > 5 pCi/L,** monitor at least 4 quarters of Ra-226 and Ra-228

Attachment D

Copies of Reports from the Department's Water Quality Database

Lucky 18 on Rosamond, LLC

1500571 — Distribution System Freq: 1/M

Sample Date	Time	Location	T Coli	E Coli	F Coli	Type	Cl2	Violation	Comment
1/5/2012	10:45	# 24	A	A		Routine			
2/8/2012	7:50	# 24	A	A		Routine			
3/7/2012	7:40	# 24	A	A		Routine			
4/4/2012	7:45	# 24	A	A		Routine			
5/9/2012	7:46	Lucky 8 # 24	A	A		Routine			
6/13/2012	7:25	# 24	A	A		Routine			
7/30/2012	17:45	1ROU	A	A		Routine			
8/8/2012	7:15	# 24	A	A		Routine			
8/8/2012	7:20	# 06	A	A		Routine			
8/8/2012	7:25	# 21	A	A		Routine			
8/8/2012	7:30	# 20	A	A		Routine			
8/8/2012	7:35	# 08	A	A		Routine			
8/28/2012	15:00	1ROU	P	A		Routine			
8/31/2012	9:00	1REP1	A	A		Repeat			
8/31/2012	9:10	1REP2	A	A		Repeat			
8/31/2012	9:20	1REP3	A	A		Repeat			
9/12/2012	7:25	# 24	A	A		Routine			
9/13/2012	11:30	5ROU	A	A		Routine			
9/13/2012	11:40	4ROU	A	A		Routine			
9/13/2012	11:50	3ROU	A	A		Routine			
9/13/2012	12:00	2ROU	A	A		Routine			
9/13/2012	12:10	1ROU	A	A		Routine			
10/3/2012	10:55	1ROU	A	A		Routine			
10/4/2012	7:35	# 24	A	A		Routine			
11/7/2012	11:30	1ROU	A	A		Routine			
12/5/2012	13:45	1ROU	A	A		Routine			
1/3/2013	13:15	1ROU	A	A		Routine			
2/11/2013	11:15	1ROU	A	A		Routine			
3/6/2013	1:20	1ROU	A	A		Routine			
4/15/2013	14:13	1ROU	A	A		Routine			
5/7/2013	12:50	1ROU	A	A		Routine			

DATE: 06/27/13
REPORT: R0117/1

STATE OF CALIFORNIA
DRINKING WATER PROGRAM
LAST SAMPLE DATE AND MONITORING SCHEDULE

TIME: 11:25

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ESTATES FP) PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
SECONDARY/GP						
00440 BICARBONATE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
00916 CALCIUM	2007/09/26	4	36		2010/09	DUE NOW
00445 CARBONATE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
00940 CHLORIDE	2007/09/26	3	36		2010/09	DUE NOW
00081 COLOR	2007/09/26	3	36		2010/09	DUE NOW
01042 COPPER	2007/09/26	3	36		2010/09	DUE NOW
38260 FOAMING AGENTS (MBAS)	2007/09/26	3	36		2010/09	DUE NOW
00900 HARDNESS (TOTAL) AS CACO3	2007/09/26	4	36		2010/09	DUE NOW
71830 HYDROXIDE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
01045 IRON	2007/09/26	3	36		2010/09	DUE NOW
00927 MAGNESIUM	2007/09/26	4	36		2010/09	DUE NOW
01055 MANGANESE	2007/09/26	3	36		2010/09	DUE NOW
00086 ODOR THRESHOLD @ 60 C	2007/09/26	3	36		2010/09	DUE NOW
00403 PH, LABORATORY	2007/09/26	4	36		2010/09	DUE NOW
01077 SILVER	2007/09/26	3	36		2010/09	DUE NOW
00929 SODIUM	2007/09/26	3	36		2010/09	DUE NOW
00095 SPECIFIC CONDUCTANCE	2007/09/26	3	36		2010/09	DUE NOW
00945 SULFATE	2007/09/26	3	36		2010/09	DUE NOW
70300 TOTAL DISSOLVED SOLIDS	2007/09/26	3	36		2010/09	DUE NOW
82079 TURBIDITY, LABORATORY	2007/09/26	3	36		2010/09	DUE NOW
01092 ZINC	2007/09/26	3	36		2010/09	DUE NOW
INORGANIC						
01105 ALUMINUM	2007/09/26	3	36		2010/09	DUE NOW
01097 ANTIMONY	2007/09/26	3	36		2010/09	DUE NOW
01002 ARSENIC	2013/04/22	19	3	*	2013/07	
81855 ASBESTOS	2004/05/10	1	108		2013/05	DUE NOW

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ESTATES FP) PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
01007 BARIUM	2007/09/26	3	36		2010/09	DUE NOW
01012 BERYLLIUM	2007/09/26	3	36		2010/09	DUE NOW
01027 CADMIUM	2007/09/26	3	36		2010/09	DUE NOW
01034 CHROMIUM (TOTAL)	2007/09/26	3	36		2010/09	DUE NOW
00951 FLUORIDE (F) (NATURAL-SOURCE)	2007/09/26	3	36		2010/09	DUE NOW
71900 MERCURY	2007/09/26	3	36		2010/09	DUE NOW
01067 NICKEL	2007/09/26	3	36		2010/09	DUE NOW
A-031 PERCHLORATE	2008/10/01	4	36		2011/10	DUE NOW
01147 SELENIUM	2007/09/26	3	36		2010/09	DUE NOW
01059 THALLIUM	2007/09/26	3	36		2010/09	DUE NOW
NITRATE/NITRITE						
71850 NITRATE (AS NO3)	2012/09/13	10	12		2013/09	
00620 NITRITE (AS N)	2007/09/26	3	36		2010/09	DUE NOW
RADIOLOGICAL						
01501 GROSS ALPHA	2008/06/24	6	36		2011/06	DUE NOW
REGULATED VOC						
34030 BENZENE	2004/05/10	3	72		2010/05	DUE NOW
32102 CARBON TETRACHLORIDE	2004/05/10	3	72		2010/05	DUE NOW
77093 CIS-1,2-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34423 DICHLOROMETHANE	2004/05/10	3	72		2010/05	DUE NOW
34371 ETHYLBENZENE	2004/05/10	3	72		2010/05	DUE NOW
46491 METHYL-TERT-BUTYL-ETHER (MTBE)	2004/05/10	4	72		2010/05	DUE NOW
34301 MONOCHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
77128 STYRENE	2004/05/10	3	72		2010/05	DUE NOW
34475 TETRACHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34010 TOLUENE	2004/05/10	3	72		2010/05	DUE NOW
34546 TRANS-1,2-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ESTATES FP) PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
39180 TRICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34488 TRICHLOROFLUOROMETHANE	2004/05/10	3	72		2010/05	DUE NOW
39175 VINYL CHLORIDE	2004/05/10	3	72		2010/05	DUE NOW
81551 XYLENES (TOTAL)	2004/05/10	3	72		2010/05	DUE NOW
34496 1,1-DICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34501 1,1-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34506 1,1,1-TRICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
81611 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2004/05/10	2	72		2010/05	DUE NOW
34511 1,1,2-TRICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34516 1,1,2,2-TETRACHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34536 1,2-DICHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
34531 1,2-DICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34541 1,2-DICHLOROPROPANE	2004/05/10	3	72		2010/05	DUE NOW
34551 1,2,4-TRICHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
34561 1,3-DICHLOROPROPENE (TOTAL)	2004/05/10	3	72		2010/05	DUE NOW
34571 1,4-DICHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
REGULATED SOC						
39033 ATRAZINE	2002/07/31	2	108		2011/07	DUE NOW
39055 SIMAZINE	2002/07/31	2	108		2011/07	DUE NOW

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

DATE: 06/27/13
REPORT: R0117/1

STATE OF CALIFORNIA
DRINKING WATER PROGRAM
LAST SAMPLE DATE AND MONITORING SCHEDULE

TIME: 11:25

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
SECONDARY/GP						
00440 BICARBONATE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
00916 CALCIUM	2007/09/26	4	36		2010/09	DUE NOW
00445 CARBONATE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
00940 CHLORIDE	2007/09/26	4	36		2010/09	DUE NOW
00081 COLOR	2007/09/26	4	36		2010/09	DUE NOW
01042 COPPER	2007/09/26	4	36		2010/09	DUE NOW
38260 FOAMING AGENTS (MBAS)	2007/09/26	4	36		2010/09	DUE NOW
00900 HARDNESS (TOTAL) AS CACO3	2007/09/26	4	36		2010/09	DUE NOW
71830 HYDROXIDE ALKALINITY	2007/09/26	4	36		2010/09	DUE NOW
01045 IRON	2007/09/26	4	36		2010/09	DUE NOW
00927 MAGNESIUM	2007/09/26	4	36		2010/09	DUE NOW
01055 MANGANESE	2007/09/26	4	36		2010/09	DUE NOW
00086 ODOR THRESHOLD @ 60 C	2007/09/26	4	36		2010/09	DUE NOW
00403 PH, LABORATORY	2007/09/26	4	36		2010/09	DUE NOW
01077 SILVER	2007/09/26	4	36		2010/09	DUE NOW
00929 SODIUM	2007/09/26	4	36		2010/09	DUE NOW
00095 SPECIFIC CONDUCTANCE	2007/09/26	4	36		2010/09	DUE NOW
00945 SULFATE	2007/09/26	4	36		2010/09	DUE NOW
70300 TOTAL DISSOLVED SOLIDS	2007/09/26	4	36		2010/09	DUE NOW
82079 TURBIDITY, LABORATORY	2007/09/26	4	36		2010/09	DUE NOW
01092 ZINC	2007/09/26	4	36		2010/09	DUE NOW
INORGANIC						
01105 ALUMINUM	2007/09/26	4	36		2010/09	DUE NOW
01097 ANTIMONY	2007/09/26	3	36		2010/09	DUE NOW
01002 ARSENIC	2013/04/15	20	3	*	2013/07	
81855 ASBESTOS	2004/05/10	1	108		2013/05	DUE NOW

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

STATE OF CALIFORNIA
DRINKING WATER PROGRAM
LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
01007 BARIUM	2007/09/26	4	36		2010/09	DUE NOW
01012 BERYLLIUM	2007/09/26	3	36		2010/09	DUE NOW
01027 CADMIUM	2007/09/26	4	36		2010/09	DUE NOW
01034 CHROMIUM (TOTAL)	2007/09/26	5	36		2010/09	DUE NOW
00951 FLUORIDE (F) (NATURAL-SOURCE)	2007/09/26	4	36		2010/09	DUE NOW
71900 MERCURY	2007/09/26	4	36		2010/09	DUE NOW
01067 NICKEL	2007/09/26	3	36		2010/09	DUE NOW
A-031 PERCHLORATE	2008/10/01	4	36		2011/10	DUE NOW
01147 SELENIUM	2007/09/26	4	36		2010/09	DUE NOW
01059 THALLIUM	2007/09/26	3	36		2010/09	DUE NOW
NITRATE/NITRITE						
71850 NITRATE (AS NO3)	2012/09/13	9	12		2013/09	
00620 NITRITE (AS N)	2007/09/26	4	36		2010/09	DUE NOW
RADIOLOGICAL						
01501 GROSS ALPHA	2008/06/24	6	36		2011/06	DUE NOW
REGULATED VOC						
34030 BENZENE	2004/05/10	3	72		2010/05	DUE NOW
32102 CARBON TETRACHLORIDE	2004/05/10	3	72		2010/05	DUE NOW
77093 CIS-1,2-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34423 DICHLOROMETHANE	2004/05/10	3	72		2010/05	DUE NOW
34371 ETHYLBENZENE	2004/05/10	3	72		2010/05	DUE NOW
46491 METHYL-TERT-BUTYL-ETHER (MTBE)	2004/05/10	4	72		2010/05	DUE NOW
34301 MONOCHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
77128 STYRENE	2004/05/10	2	72		2010/05	DUE NOW
34475 TETRACHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34010 TOLUENE	2004/05/10	3	72		2010/05	DUE NOW
34546 TRANS-1,2-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 002 NAME: WELL 02 - WEST PSCODE: 1500571-002 CLASS: CIGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	LAST SAMPLE	COUNT	FREQ	MODIFIED SCHEDULE	NEXT SAMPLE DUE	
39180 TRICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34488 TRICHLOROFLUOROMETHANE	2004/05/10	3	72		2010/05	DUE NOW
39175 VINYL CHLORIDE	2004/05/10	3	72		2010/05	DUE NOW
81551 XYLENES (TOTAL)	2004/05/10	3	72		2010/05	DUE NOW
34496 1,1-DICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34501 1,1-DICHLOROETHYLENE	2004/05/10	3	72		2010/05	DUE NOW
34506 1,1,1-TRICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
81611 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34511 1,1,2-TRICHLOROETHANE	2004/05/10	2	72		2010/05	DUE NOW
34516 1,1,2,2-TETRACHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34536 1,2-DICHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
34531 1,2-DICHLOROETHANE	2004/05/10	3	72		2010/05	DUE NOW
34541 1,2-DICHLOROPROPANE	2004/05/10	3	72		2010/05	DUE NOW
34551 1,2,4-TRICHLOROBENZENE	2004/05/10	2	72		2010/05	DUE NOW
34561 1,3-DICHLOROPROPENE (TOTAL)	2004/05/10	2	72		2010/05	DUE NOW
34571 1,4-DICHLOROBENZENE	2004/05/10	3	72		2010/05	DUE NOW
REGULATED SOC						
39033 ATRAZINE	2005/09/13	3	108		2014/09	
39055 SIMAZINE	2005/09/13	3	108		2014/09	

FREQ IS NUMBER OF MONTHS BETWEEN SAMPLES. WHEN FREQ IS 0, SAMPLE IS DUE NOW.
WHEN FREQ IS 999, NO SAMPLES ARE REQUIRED. COUNT IS NUMBER OF SAMPLES IN THE DATABASE.

DATE: 06/27/13
REPORT: R-040/1-3

STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES
COUNTY: KERN
PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT *	MCL	DLR	TRIGGER	UNIT
GP SECONDARY/GP							
82383 AGGRSSIVE INDEX (CORROSIVITY)	05/10/2004		12.0000 *	----------	----------	----------	
00440 BICARBONATE ALKALINITY	09/26/2007		180.0000 *	----------	----------	----------	MG/L
00916 CALCIUM	09/26/2007		92.0000 *	----------	----------	----------	MG/L
00445 CARBONATE ALKALINITY	09/26/2007	<	3.0000 *	----------	----------	----------	MG/L
00940 CHLORIDE	09/26/2007		93.0000	600.0000	----------	500.0000	MG/L
00081 COLOR	09/26/2007		1.0000	15.0000	----------	15.0000	UNITS
01042 COPPER	09/26/2007		10.0000	1,000.0000	50.0000	1,000.0000	UG/L
38260 FOAMING AGENTS (MBAS)	09/26/2007	<	.1000	.5000	----------	.5000	MG/L
00900 HARDNESS (TOTAL) AS CACO3	09/26/2007		300.0000 *	----------	----------	----------	MG/L
71830 HYDROXIDE ALKALINITY	09/26/2007	<	1.6000 *	----------	----------	----------	MG/L
01045 IRON	09/26/2007	<	50.0000	300.0000	100.0000	300.0000	UG/L
00927 MAGNESIUM	09/26/2007		18.0000 *	----------	----------	----------	MG/L
01055 MANGANESE	09/26/2007	<	10.0000	50.0000	20.0000	50.0000	UG/L
00086 ODOR THRESHOLD @ 60 C	09/26/2007		.0000	3.0000	1.0000	3.0000	TON
00403 PH, LABORATORY	09/26/2007		7.8700 *	----------	----------	----------	
01077 SILVER	09/26/2007	<	10.0000	100.0000	10.0000	100.0000	UG/L
00929 SODIUM	09/26/2007		91.0000 *	----------	----------	----------	MG/L
00095 SPECIFIC CONDUCTANCE	09/26/2007		914.0000	2,200.0000	----------	1,600.0000	US
00945 SULFATE	09/26/2007		190.0000	600.0000	500.0000	600.0000	MG/L
70300 TOTAL DISSOLVED SOLIDS	09/26/2007		620.0000	1,500.0000	----------	1,000.0000	MG/L
82079 TURBIDITY, LABORATORY	09/26/2007	<	.1000	5.0000	----------	5.0000	NTU
01092 ZINC	09/26/2007	<	50.0000	5,000.0000	50.0000	5,000.0000	UG/L

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
NOTE2: .000 = RESULT WAS REPORTED AS NON-DETECTED EXCEPT FOR RAD

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
IO INORGANIC								
01105 ALUMINUM	09/26/2007		50.0000		1,000.0000	50.0000	200.0000	UG/L
01097 ANTIMONY	09/26/2007	<	2.0000		6.0000	6.0000	6.0000	UG/L
01002 ARSENIC	04/22/2013		20.0000	*	10.0000	2.0000	5.0000	UG/L
81855 ASBESTOS	05/10/2004		.0000		7.0000	.2000	7.0000	MFL
01007 BARIUM	09/26/2007		24.0000		1,000.0000	100.0000	1,000.0000	UG/L
01012 BERYLLIUM	09/26/2007	<	1.0000		4.0000	1.0000	4.0000	UG/L
01027 CADMIUM	09/26/2007	<	1.0000		5.0000	1.0000	5.0000	UG/L
01034 CHROMIUM (TOTAL)	09/26/2007	<	10.0000		50.0000	10.0000	50.0000	UG/L
01291 CYANIDE	05/26/1995	<	20.0000		200.0000	100.0000	200.0000	UG/L
00951 FLUORIDE (F) (NATURAL-SOURCE)	09/26/2007		1.4000		2.0000	.1000	2.0000	MG/L
01051 LEAD	09/26/2007	<	1.0000		----------	5.0000	15.0000	UG/L
71900 MERCURY	09/26/2007	<	.2000		2.0000	1.0000	2.0000	UG/L
01067 NICKEL	09/26/2007	<	10.0000		100.0000	10.0000	100.0000	UG/L
A-031 PERCHLORATE	10/01/2008	<	4.0000	*	6.0000	4.0000	4.0000	UG/L
01147 SELENIUM	09/26/2007	<	2.0000		50.0000	5.0000	50.0000	UG/L
01059 THALLIUM	09/26/2007	<	1.0000		2.0000	1.0000	2.0000	UG/L
NI NITRATE/NITRITE								
71850 NITRATE (AS NO3)	09/13/2012		8.8000		45.0000	2.0000	23.0000	MG/L
00620 NITRITE (AS N)	09/26/2007	<	50.0000		1,000.0000	400.0000	500.0000	UG/L
RA RADIOLOGICAL								

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
NOTE2: .000 = RESULT WAS REPORTED AS NON-DETECTED EXCEPT FOR RAD

STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES
COUNTY: KERN
PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
01501 GROSS ALPHA	06/24/2008	10.8000 *	15.0000	3.0000	5.0000	PCI/L
01502 GROSS ALPHA COUNTING ERROR	06/24/2008	1.1900 *	----------	----------	----------	PCI/L
A-072 GROSS ALPHA MDA95	06/24/2008	.3500 *	----------	----------	----------	PCI/L
11501 RADIUM 228	06/24/2008	.4000 *	----------	1.0000	----------	
11502 RADIUM 228 COUNTING ERROR	06/24/2008	.2800 *	----------	----------	----------	PCI/L
28012 URANIUM (PCI/L)	06/24/2008	7.0000	20.0000	2.0000	20.0000	PCI/L
A-028 URANIUM COUNTING ERROR	05/10/2004	1.4100 *	----------	----------	----------	PCI/L
S1 REGULATED VOC						
34030 BENZENE	05/10/2004	.0000	1.0000	.5000	.5000	UG/L
32102 CARBON TETRACHLORIDE	05/10/2004	.0000	.5000	.5000	.5000	UG/L
77093 CIS-1,2-DICHLOROETHYLENE	05/10/2004	.0000	6.0000	.5000	.5000	UG/L
34423 DICHLOROMETHANE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34371 ETHYLBENZENE	05/10/2004	.0000	300.0000	.5000	.5000	UG/L
46491 METHYL-TERT-BUTYL-ETHER (MTBE)	05/10/2004	.0000	5.0000	3.0000	3.0000	UG/L
34301 MONOCHLOROBENZENE	05/10/2004	.0000	70.0000	.5000	.5000	UG/L
77128 STYRENE	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
34475 TETRACHLOROETHYLENE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34010 TOLUENE	05/10/2004	.0000	150.0000	.5000	.5000	UG/L
34546 TRANS-1,2-DICHLOROETHYLENE	05/10/2004	.0000	10.0000	.5000	.5000	UG/L
39180 TRICHLOROETHYLENE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34488 TRICHLOROFLUOROMETHANE	05/10/2004	.0000	150.0000	5.0000	5.0000	UG/L
39175 VINYL CHLORIDE	05/10/2004	.0000	.5000	.5000	.5000	UG/L
81551 XYLENES (TOTAL)	05/10/2004	.0000	1,750.0000	----------	1,750.0000	UG/L

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
NOTE2: .000 = RESULT WAS REPORTED AS NON-DETECTED EXCEPT FOR RAD

STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
34496 1,1-DICHLOROETHANE	05/10/2004		.0000		5.0000	.5000	.5000	UG/L
34501 1,1-DICHLOROETHYLENE	05/10/2004		.0000		6.0000	.5000	.5000	UG/L
34506 1,1,1-TRICHLOROETHANE	05/10/2004		.0000		200.0000	.5000	.5000	UG/L
81611 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	05/10/2004		.0000		1,200.0000	10.0000	10.0000	UG/L
34511 1,1,2-TRICHLOROETHANE	05/10/2004		.0000		5.0000	.5000	.5000	UG/L
34516 1,1,2,2-TETRACHLOROETHANE	05/10/2004		.0000		1.0000	.5000	.5000	UG/L
34536 1,2-DICHLOROBENZENE	05/10/2004		.0000		600.0000	.5000	.5000	UG/L
34531 1,2-DICHLOROETHANE	05/10/2004		.0000		.5000	.5000	.5000	UG/L
34541 1,2-DICHLOROPROPANE	05/10/2004		.0000		5.0000	.5000	.5000	UG/L
34551 1,2,4-TRICHLOROBENZENE	05/10/2004		.0000		5.0000	.5000	5.0000	UG/L
34561 1,3-DICHLOROPROPENE (TOTAL)	05/10/2004		.0000		.5000	.5000	.5000	UG/L
34571 1,4-DICHLOROBENZENE	05/10/2004		.0000		5.0000	.5000	.5000	UG/L
TH TRIHALOMETHANES								
82080 TOTAL TRIHALOMETHANES	05/10/2004		.0000		80.0000	----------	80.0000	UG/L
S2 REGULATED SOC								
39033 ATRAZINE	07/31/2002		.0000		3.0000	1.0000	1.0000	UG/L
81405 CARBOFURAN	10/28/1986	<	5.0000	*	18.0000	5.0000	5.0000	UG/L
38432 DALAPON	09/30/1993		.0000		200.0000	10.0000	10.0000	UG/L
38761 DIBROMOCHLOROPROPANE (DBCP)	10/28/1986	<	.0100	*	.2000	.0100	.0100	UG/L
39390 ENDRIN	10/28/1986	<	.0100		2.0000	.1000	.1000	UG/L
77651 ETHYLENE DIBROMIDE (EDB)	10/28/1986	<	.0200	*	.0500	.0200	.0200	UG/L
39340 LINDANE	10/28/1986	<	.1000		.2000	.2000	.2000	UG/L

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DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
39480 METHOXYCHLOR	10/28/1986	<	.5000		40.0000	10.0000	10.0000	UG/L
38865 OXAMYL	10/28/1986	<	10.0000		200.0000	20.0000	20.0000	UG/L
39032 PENTACHLOROPHENOL	09/30/1993		.0000		1.0000	.2000	.2000	UG/L
39720 PICLORAM	09/30/1993		.0000		500.0000	1.0000	1.0000	UG/L
39516 POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB	09/30/1993		.0000		.5000	.5000	.5000	UG/L
39055 SIMAZINE	07/31/2002		.0000		4.0000	1.0000	1.0000	UG/L
39400 TOXAPHENE	10/28/1986	<	.5000		3.0000	1.0000	1.0000	UG/L
UA STATE UCMR								
32101 BROMODICHLORMETHANE (THM)	05/10/2004		.0000		100.0000	.5000	.5000	UG/L
32104 BROMOFORM (THM)	05/10/2004		.0000		100.0000	.5000	.5000	UG/L
32106 CHLOROFORM (THM)	05/10/2004		.0000		100.0000	.5000	.5000	UG/L
32105 DIBROMOCHLOROMETHANE (THM)	05/10/2004		.0000		100.0000	.5000	.5000	UG/L
34668 DICHLORODIFLUOROMETHANE (FREON 12)	05/10/2004		.0000		----------	.5000	1,000.0000	UG/L
A-033 ETHYL-TERT-BUTYL ETHER	05/10/2004		.0000	*	----------	3.0000	----------	UG/L
A-034 TERT-AMYL-METHYL ETHER	05/10/2004		.0000	*	----------	3.0000	----------	UG/L
77562 1,1,1,2-TETRACHLOROETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77443 1,2,3-TRICHLOROPROPANE	05/10/2004		.0000		----------	.0050	.0050	UG/L
UB UNREG. TABLE B								
38458 DIMETHOATE	10/28/1986	<	10.0000	*	----------	10.0000	1.0000	UG/L
81888 DISULFOTON	10/28/1986	<	100.0000	*	----------	100.0000	----------	UG/L
39650 DIURON	10/28/1986	<	1.0000	*	----------	1.0000	1.0000	UG/L
81894 EPTC	10/28/1986	<	10.0000	*	----------	----------	----------	UG/L

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DRINKING WATER ANALYSES RESULTS REPORT
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REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
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GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
A-011 P-ISOPROPYLTOLUENE	05/10/2004		.0000	*	----------	----------	----------	UG/L
39056 PROMETON	10/28/1986	<	1.0000	*	----------	----------	----------	UG/L
77222 1,2,4-TRIMETHYLBENZENE	05/10/2004		.0000		----------	.5000	330.0000	UG/L
XX GENERAL NON CHAP 15								
81815 ACEPHATE	10/28/1986	<	10.0000	*	----------	10.0000	----------	UG/L
00410 ALKALINITY (TOTAL) AS CACO3	09/26/2007		150.0000	*	----------	----------	----------	MG/L
38705 BENOMYL	10/28/1986	<	100.0000	*	----------	100.0000	----------	UG/L
81555 BROMOBENZENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
A-012 BROMOCHLOROMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34413 BROMOMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
39640 CAPTAN	10/28/1986	<	1.0000		----------	.1000	1.5000	UG/L
77700 CARBARYL	10/28/1986	<	1.0000		----------	5.0000	700.0000	UG/L
34311 CHLOROETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34418 CHLOROMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77548 CHLOROPICRIN	10/28/1986	<	1.0000		----------	1.0000	50.0000	UG/L
81322 CHLOROPROPHAM	10/28/1986	<	10.0000	*	----------	----------	----------	UG/L
70314 CHLOROTHALONIL	10/28/1986	<	5.0000	*	----------	5.0000	5.0000	UG/L
77969 CHLORPYRIFOS	10/28/1986	<	1.0000	*	----------	1.0000	----------	UG/L
39770 DACTHAL	10/28/1986	<	.1000	*	----------	.1000	----------	UG/L
39560 DEMETON	10/28/1986	<	2.5000	*	----------	----------	----------	UG/L
39570 DIAZINON	10/28/1986	<	1.0000		----------	.2500	6.0000	UG/L
77596 DIBROMOMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
39780 DICOFOL	10/28/1986	<	.1000	*	----------	.1000	----------	UG/L

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STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
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REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES

COUNTY: KERN
PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT *	MCL	DLR	TRIGGER	UNIT
39014 DYLOX	10/28/1986	<	5.0000 *	----------	----------	----------	UG/L
34361 ENDOSULFAN I	10/28/1986	<	.0100 *	----------	.0200	----------	UG/L
34356 ENDOSULFAN II	10/28/1986	<	.0500 *	----------	.0100	----------	UG/L
39398 ETHION	10/28/1986	<	.5000	----------	----------	4.0000	UG/L
38929 FENAMIPHOS	10/28/1986	<	5.0000 *	----------	5.0000	----------	UG/L
39580 GUTHION	10/28/1986	<	1.0000 *	----------	----------	----------	UG/L
34391 HEXACHLOROBUTADIENE	05/10/2004		.0000	----------	.5000	.5000	UG/L
77223 ISOPROPYLBENZENE	05/10/2004		.0000	----------	.5000	770.0000	UG/L
78878 KEROSENE	10/28/1986	<	1.0000 *	----------	----------	----------	UG/L
81710 M-XYLENE	07/31/2002		.0000	1,750.0000	.5000	1,750.0000	UG/L
A-014 M,P-XYLENE	05/10/2004		.0000	1,750.0000	.5000	1,750.0000	UG/L
39530 MALATHION	10/28/1986	<	15.0000	----------	----------	160.0000	UG/L
38927 METHAMIDOPHOS	10/28/1986	<	10.0000 *	----------	10.0000	----------	UG/L
78879 METHIDATHION	10/28/1986	<	5.0000 *	----------	----------	----------	UG/L
39051 METHOMYL	10/28/1986	<	10.0000 *	----------	2.0000	2.0000	UG/L
81595 METHYL ETHYL KETONE	07/31/2002		.0000 *	----------	5.0000	----------	UG/L
A-010 N-BUTYLBENZENE	05/10/2004		.0000	----------	.5000	70.0000	UG/L
34696 NAPHTHALENE	05/10/2004		.0000	----------	.5000	170.0000	UG/L
77135 O-XYLENE	05/10/2004		.0000	1,750.0000	.5000	1,750.0000	UG/L
78132 P-XYLENE	07/31/2002		.0000	1,750.0000	.5000	1,750.0000	UG/L
39540 PARATHION	10/28/1986	<	1.0000	----------	.0200	40.0000	UG/L
38870 PHORATE	10/28/1986	<	.2000 *	----------	.2000	----------	UG/L
39610 PHOSDIN	10/28/1986	<	5.0000 *	----------	----------	----------	UG/L
00937 POTASSIUM	09/26/2007		5.5000 *	----------	----------	----------	MG/L

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DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
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GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION		SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
39052 PROPHAM		10/28/1986	<	10.0000	*	----------	----------	----------	UG/L
77350 SEC-BUTYLBENZENE		05/10/2004		.0000		----------	.5000	.5000	UG/L
77353 TERT-BUTYLBENZENE		05/10/2004		.0000		----------	.5000	.5000	UG/L
77224 1-PHENYLPROPANE (N-PROPYLBENZENE)		05/10/2004		.0000		----------	.5000	260.0000	UG/L
77168 1,1-DICHLOROPROPENE		05/10/2004		.0000		----------	.5000	.5000	UG/L
77613 1,2,3-TRICHLOROBENZENE		05/10/2004		.0000		----------	.5000	.5000	UG/L
34566 1,3-DICHLOROBENZENE		05/10/2004		.0000		----------	.5000	600.0000	UG/L
77173 1,3-DICHLOROPROPANE		05/10/2004		.0000		----------	.5000	.5000	UG/L
77226 1,3,5-TRIMETHYLBENZENE		05/10/2004		.0000		----------	.5000	330.0000	UG/L
77285 1,4-DICHLOROBUTANE		10/28/1986	<	.2000	*	----------	----------	----------	UG/L
34576 2-CHLOROETHYLVINYL ETHER		07/31/2002		.0000	*	----------	1.0000	----------	UG/L
A-008 2-CHLOROTOLUENE		05/10/2004		.0000		----------	.5000	.5000	UG/L
77170 2,2-DICHLOROPROPANE		05/10/2004		.0000		----------	.5000	.5000	UG/L
A-009 4-CHLOROTOLUENE		05/10/2004		.0000		----------	.5000	140.5000	UG/L

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SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION		SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
GP SECONDARY/GP									
82383 AGGRSSIVE INDEX (CORROSIVITY)		05/10/2004		13.0000	*	----------	----------	----------	
00440 BICARBONATE ALKALINITY		09/26/2007		180.0000	*	----------	----------	----------	MG/L
00916 CALCIUM		09/26/2007		160.0000	*	----------	----------	----------	MG/L
00445 CARBONATE ALKALINITY	<	09/26/2007		1.5000	*	----------	----------	----------	MG/L
00940 CHLORIDE		09/26/2007		170.0000		600.0000	----------	500.0000	MG/L
00081 COLOR		09/26/2007		1.0000		15.0000	----------	15.0000	UNITS
01042 COPPER	<	09/26/2007		10.0000		1,000.0000	50.0000	1,000.0000	UG/L
38260 FOAMING AGENTS (MBAS)	<	09/26/2007		.2000		.5000	----------	.5000	MG/L
00900 HARDNESS (TOTAL) AS CACO3		09/26/2007		530.0000	*	----------	----------	----------	MG/L
71830 HYDROXIDE ALKALINITY	<	09/26/2007		.8100	*	----------	----------	----------	MG/L
01045 IRON		09/26/2007		280.0000		300.0000	100.0000	300.0000	UG/L
00927 MAGNESIUM		09/26/2007		35.0000	*	----------	----------	----------	MG/L
01055 MANGANESE	<	09/26/2007		10.0000		50.0000	20.0000	50.0000	UG/L
00086 ODOR THRESHOLD @ 60 C		09/26/2007		.0000		3.0000	1.0000	3.0000	TON
00403 PH, LABORATORY		09/26/2007		8.0100	*	----------	----------	----------	
01077 SILVER	<	09/26/2007		10.0000		100.0000	10.0000	100.0000	UG/L
00929 SODIUM		09/26/2007		95.0000	*	----------	----------	----------	MG/L
00095 SPECIFIC CONDUCTANCE		09/26/2007		1,320.0000		2,200.0000	----------	1,600.0000	US
00945 SULFATE		09/26/2007		320.0000		600.0000	500.0000	600.0000	MG/L
70300 TOTAL DISSOLVED SOLIDS		09/26/2007		820.0000		1,500.0000	----------	1,000.0000	MG/L
82079 TURBIDITY, LABORATORY		09/26/2007		.7900		5.0000	----------	5.0000	NTU
01092 ZINC		09/26/2007		150.0000		5,000.0000	50.0000	5,000.0000	UG/L

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SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
IO INORGANIC								
01105 ALUMINUM	09/26/2007	<	50.0000		1,000.0000	50.0000	200.0000	UG/L
01097 ANTIMONY	09/26/2007	<	2.0000		6.0000	6.0000	6.0000	UG/L
01002 ARSENIC	04/15/2013		26.0000	*	10.0000	2.0000	5.0000	UG/L
81855 ASBESTOS	05/10/2004		.0000		7.0000	.2000	7.0000	MFL
01007 BARIUM	09/26/2007		29.0000		1,000.0000	100.0000	1,000.0000	UG/L
01012 BERYLLIUM	09/26/2007	<	1.0000		4.0000	1.0000	4.0000	UG/L
01027 CADMIUM	09/26/2007	<	1.0000		5.0000	1.0000	5.0000	UG/L
A-044 CHROMIUM (TOTAL CR-CRVI SCREEN)	05/10/2004		25.0000	*	----------	1.0000	----------	UG/L
01034 CHROMIUM (TOTAL)	09/26/2007		17.0000		50.0000	10.0000	50.0000	UG/L
01291 CYANIDE	02/25/1997	<	20.0000		200.0000	100.0000	200.0000	UG/L
00951 FLUORIDE (F) (NATURAL-SOURCE)	09/26/2007		.8200		2.0000	.1000	2.0000	MG/L
01051 LEAD	09/26/2007	<	1.0000		----------	5.0000	15.0000	UG/L
71900 MERCURY	09/26/2007	<	.2000		2.0000	1.0000	2.0000	UG/L
01067 NICKEL	09/26/2007	<	10.0000		100.0000	10.0000	100.0000	UG/L
A-031 PERCHLORATE	10/01/2008	<	4.0000	*	6.0000	4.0000	4.0000	UG/L
01147 SELENIUM	09/26/2007		2.0000		50.0000	5.0000	50.0000	UG/L
01059 THALLIUM	09/26/2007	<	1.0000		2.0000	1.0000	2.0000	UG/L
NI NITRATE/NITRITE								
71850 NITRATE (AS NO3)	09/13/2012		12.0000		45.0000	2.0000	23.0000	MG/L
00620 NITRITE (AS N)	09/26/2007	<	50.0000		1,000.0000	400.0000	500.0000	UG/L

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GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
RA RADIOLOGICAL						
01501 GROSS ALPHA	06/24/2008	4.8600	15.0000	3.0000	5.0000	PCI/L
01502 GROSS ALPHA COUNTING ERROR	06/24/2008	.8830 *	----------	----------	----------	PCI/L
A-072 GROSS ALPHA MDA95	06/24/2008	.3500 *	----------	----------	----------	PCI/L
11501 RADIUM 228	06/24/2008	.4800 *	----------	1.0000	----------	
11502 RADIUM 228 COUNTING ERROR	06/24/2008	.3200 *	----------	----------	----------	PCI/L
28012 URANIUM (PCI/L)	11/19/2007	12.0000	20.0000	2.0000	20.0000	PCI/L
A-028 URANIUM COUNTING ERROR	05/10/2004	1.8700 *	----------	----------	----------	PCI/L
S1 REGULATED VOC						
34030 BENZENE	05/10/2004	.0000	1.0000	.5000	.5000	UG/L
32102 CARBON TETRACHLORIDE	05/10/2004	.0000	.5000	.5000	.5000	UG/L
77093 CIS-1,2-DICHLOROETHYLENE	05/10/2004	.0000	6.0000	.5000	.5000	UG/L
34423 DICHLOROMETHANE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34371 ETHYLBENZENE	05/10/2004	.0000	300.0000	.5000	.5000	UG/L
46491 METHYL-TERT-BUTYL-ETHER (MTBE)	05/10/2004	.0000	5.0000	3.0000	3.0000	UG/L
34301 MONOCHLOROBENZENE	05/10/2004	.0000	70.0000	.5000	.5000	UG/L
77128 STYRENE	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
34475 TETRACHLOROETHYLENE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34010 TOLUENE	05/10/2004	.0000	150.0000	.5000	.5000	UG/L
34546 TRANS-1,2-DICHLOROETHYLENE	05/10/2004	.0000	10.0000	.5000	.5000	UG/L
39180 TRICHLOROETHYLENE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34488 TRICHLOROFLUOROMETHANE	05/10/2004	.0000	150.0000	5.0000	5.0000	UG/L

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39175 VINYL CHLORIDE	05/10/2004	.0000	.5000	.5000	.5000	UG/L
81551 XYLENES (TOTAL)	05/10/2004	.0000	1,750.0000	----------	1,750.0000	UG/L
34496 1,1-DICHLOROETHANE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34501 1,1-DICHLOROETHYLENE	05/10/2004	.0000	6.0000	.5000	.5000	UG/L
34506 1,1,1-TRICHLOROETHANE	05/10/2004	.0000	200.0000	.5000	.5000	UG/L
81611 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	05/10/2004	.0000	1,200.0000	10.0000	10.0000	UG/L
34511 1,1,2-TRICHLOROETHANE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34516 1,1,2,2-TETRACHLOROETHANE	05/10/2004	.0000	1.0000	.5000	.5000	UG/L
34536 1,2-DICHLOROBENZENE	05/10/2004	.0000	600.0000	.5000	.5000	UG/L
34531 1,2-DICHLOROETHANE	05/10/2004	.0000	.5000	.5000	.5000	UG/L
34541 1,2-DICHLOROPROPANE	05/10/2004	.0000	5.0000	.5000	.5000	UG/L
34551 1,2,4-TRICHLOROBENZENE	05/10/2004	.0000	5.0000	.5000	5.0000	UG/L
34561 1,3-DICHLOROPROPENE (TOTAL)	05/10/2004	.0000	.5000	.5000	.5000	UG/L
34571 1,4-DICHLOROBENZENE	05/10/2004	.5700 *	5.0000	.5000	.5000	UG/L
TH TRIHALOMETHANES						
82080 TOTAL TRIHALOMETHANES	05/10/2004	.0000	80.0000	----------	80.0000	UG/L
S2 REGULATED SOC						
77825 ALACHLOR	09/13/2005	.0000	2.0000	1.0000	1.0000	UG/L
39033 ATRAZINE	09/13/2005	.0000	1.0000	.5000	1.0000	UG/L
38710 BENTAZON	03/06/1991	.0000	18.0000	2.0000	2.0000	UG/L
81405 CARBOFURAN	03/06/1991	.0000	18.0000	5.0000	5.0000	UG/L
39350 CHLORDANE	03/06/1991	.0000	.1000	.1000	.1000	UG/L

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STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
38432 DALAPON	02/25/1997	< 10.0000 *	200.0000	10.0000	10.0000	UG/L
38761 DIBROMOCHLOROPROPANE (DBCP)	03/06/1991	.0000	.2000	.0100	.0100	UG/L
39390 ENDRIN	03/06/1991	.0000	2.0000	.1000	.1000	UG/L
77651 ETHYLENE DIBROMIDE (EDB)	03/06/1991	.0000	.0500	.0200	.0200	UG/L
79743 GLYPHOSATE	03/06/1991	.0000	700.0000	25.0000	25.0000	UG/L
39410 HEPTACHLOR	03/06/1991	.0000	.0100	.0100	.0100	UG/L
39420 HEPTACHLOR EPOXIDE	03/06/1991	.0000	.0100	.0100	.0100	UG/L
39340 LINDANE	03/06/1991	.0000	.2000	.2000	.2000	UG/L
39480 METHOXYCHLOR	03/06/1991	.0000	40.0000	10.0000	10.0000	UG/L
82199 MOLINATE	09/13/2005	.0000	20.0000	2.0000	2.0000	UG/L
39720 PICLORAM	02/25/1997	< .0500	500.0000	1.0000	1.0000	UG/L
39516 POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB	02/25/1997	< .2000	.5000	.5000	.5000	UG/L
39055 SIMAZINE	09/13/2005	.0000	4.0000	1.0000	1.0000	UG/L
A-001 THIOBENCARB	09/13/2005	.0000 *	70.0000	1.0000	----------	
39400 TOXAPHENE	03/06/1991	.0000	3.0000	1.0000	1.0000	UG/L
39730 2,4-D	03/06/1991	.0000	70.0000	10.0000	10.0000	UG/L
39045 2,4,5-TP (SILVEX)	03/06/1991	.0000	50.0000	1.0000	1.0000	UG/L
UA STATE UCMR						
32101 BROMODICHLORMETHANE (THM)	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
32104 BROMOFORM (THM)	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
32106 CHLOROFORM (THM)	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
32105 DIBROMOCHLOROMETHANE (THM)	05/10/2004	.0000	100.0000	.5000	.5000	UG/L
34668 DICHLORODIFLUOROMETHANE (FREON 12)	05/10/2004	.0000	----------	.5000	1,000.0000	UG/L

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STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 002 NAME: WELL 02 - WEST PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
A-033 ETHYL-TERT-BUTYL ETHER	05/10/2004		.0000	*	----------	3.0000	----------	UG/L
A-034 TERT-AMYL-METHYL ETHER	05/10/2004		.0000	*	----------	3.0000	----------	UG/L
77562 1,1,1,2-TETRACHLOROETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77443 1,2,3-TRICHLOROPROPANE	05/10/2004		.0000		----------	.0050	.0050	UG/L
UB UNREG. TABLE B								
38458 DIMETHOATE	09/13/2005	<	10.0000	*	----------	----------	----------	UG/L
A-011 P-ISOPROPYLTOLUENE	05/10/2004		.0000	*	----------	----------	----------	UG/L
77222 1,2,4-TRIMETHYLBENZENE	05/10/2004		.0000		----------	.5000	330.0000	UG/L
UC UNREG. TABLE C								
38533 PROPACHLOR	09/13/2005		.0000		----------	.5000	.5000	UG/L
XX GENERAL NON CHAP 15								
39053 ALDICARB	03/06/1991		.0000		----------	3.0000	7.0000	UG/L
00410 ALKALINITY (TOTAL) AS CACO3	09/26/2007		140.0000	*	----------	----------	----------	MG/L
82198 BROMACIL	09/13/2005		.0000		----------	10.0000	10.0000	UG/L
81555 BROMOBENZENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
A-012 BROMOCHLOROMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34413 BROMOMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77860 BUTACHLOR	09/13/2005		.0000		----------	.3800	.3800	UG/L
34311 CHLOROETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34418 CHLOROMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34704 CIS-1,3-DICHLOROPROPENE	03/06/1991		.0000		.5000	.5000	.5000	UG/L

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STATE OF CALIFORNIA
DRINKING WATER PROGRAM

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REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
39570 DIAZINON	03/06/1991		.0000		----------	.2500	6.0000	UG/L
77596 DIBROMOMETHANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34391 HEXACHLOROBUTADIENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77223 ISOPROPYLBENZENE	05/10/2004		.0000		----------	.5000	770.0000	UG/L
71813 LANGELIER INDEX @ 60 C	05/10/2004		1.1000	*	----------	----------	----------	
A-014 M,P-XYLENE	05/10/2004		.0000		1,750.0000	.5000	1,750.0000	UG/L
81595 METHYL ETHYL KETONE	10/28/1986	<	1.0000	*	----------	5.0000	----------	UG/L
81596 METHYL ISOBUTYL KETONE	10/28/1986	<	1.0000		----------	5.0000	120.0000	UG/L
39356 METOLACHLOR	09/13/2005	<	.5000	*	----------	----------	----------	UG/L
81408 METRIBUZIN	09/13/2005	<	.5000	*	----------	----------	----------	UG/L
A-010 N-BUTYLBENZENE	05/10/2004		.0000		----------	.5000	70.0000	UG/L
34696 NAPHTHALENE	05/10/2004		.0000		----------	.5000	170.0000	UG/L
77135 O-XYLENE	05/10/2004		.0000		1,750.0000	.5000	1,750.0000	UG/L
00937 POTASSIUM	09/26/2007		5.1000	*	----------	----------	----------	MG/L
39057 PROMETRYN	09/13/2005		.0000		----------	2.0000	2.0000	UG/L
77350 SEC-BUTYLBENZENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77353 TERT-BUTYLBENZENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34699 TRANS-1,3-DICHLOROPROPENE	03/06/1991		.0000		.5000	.5000	.5000	UG/L
77224 1-PHENYLPROPANE (N-PROPYLBENZENE)	05/10/2004		.0000		----------	.5000	260.0000	UG/L
77168 1,1-DICHLOROPROPENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77613 1,2,3-TRICHLOROBENZENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
34566 1,3-DICHLOROBENZENE	05/10/2004		.0000		----------	.5000	600.0000	UG/L
77173 1,3-DICHLOROPROPANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77226 1,3,5-TRIMETHYLBENZENE	05/10/2004		.0000		----------	.5000	330.0000	UG/L

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DRINKING WATER ANALYSES RESULTS REPORT
LAST SAMPLE FOR ALL CONSTITUENTS - ALL RESULTS
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE		RESULT	*	MCL	DLR	TRIGGER	UNIT
34576 2-CHLOROETHYLVINYL ETHER	02/25/1997	<	1.0000	*	----------	1.0000	----------	UG/L
A-008 2-CHLOROTOLUENE	05/10/2004		.0000		----------	.5000	.5000	UG/L
77170 2,2-DICHLOROPROPANE	05/10/2004		.0000		----------	.5000	.5000	UG/L
A-009 4-CHLOROTOLUENE	05/10/2004		.0000		----------	.5000	140.5000	UG/L

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DATE: 06/27/13
REPORT: R-040/2-3

STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
ALL SAMPLES FOR SELECTED CONSTITUENTS - ALL RESULTS
FOR SAMPLE DATE RANGE OF 20050101 THRU 20130627
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC COUNTY: KERN
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
IO INORGANIC						
01002 ARSENIC	09/26/2007	22.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/02/2008	12.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	10/01/2008	22.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/06/2009	20.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/07/2009	14.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	10/08/2009	16.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/04/2010	21.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/08/2010	23.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	07/01/2010	24.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	11/09/2011	20.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	02/08/2012	22.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	05/09/2012	20.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	08/08/2012	31.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	09/13/2012	35.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	10/03/2012	20.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/03/2013	26.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/22/2013	20.0000 *	10.0000	2.0000	5.0000	UG/L

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
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STATE OF CALIFORNIA
DRINKING WATER PROGRAM

DRINKING WATER ANALYSES RESULTS REPORT
ALL SAMPLES FOR SELECTED CONSTITUENTS - ALL RESULTS
FOR SAMPLE DATE RANGE OF 20050101 THRU 20130627
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: LUCKY 18 ON ROSAMOND, LLC
SOURCE NO: 002 NAME: WELL 02 - WEST

COUNTY: KERN
PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
IO INORGANIC						
01002 ARSENIC	09/26/2007	6.1000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/22/2008	8.7000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/02/2008	13.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	10/01/2008	9.4000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/06/2009	9.5000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/07/2009	14.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/04/2010	31.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/08/2010	33.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	07/01/2010	28.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	11/09/2011	15.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	02/08/2012	13.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	05/09/2012	19.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	08/08/2012	.0000	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	09/13/2012	23.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	10/03/2012	33.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/03/2013	28.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/15/2013	26.0000 *	10.0000	2.0000	5.0000	UG/L

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Attachment E

Compliance Order #03-19-09O-017

State of California—Health and Human Services Agency
California Department of Public Health

MARK B HORTON, MD, MSPH
Director

ARNOLD SCHWARZENEGGER
Governor

January 23, 2009

Kern Mobile Estates
10100 Santa Monica Blvd. #2430
Los Angeles, CA 90067
Attention: Ebby Shakib, Account Manager

RE: KERN MOBILE ESTATES – WATER SYSTEM #1500571
COMPLIANCE ORDER FOR VIOLATION OF ARSENIC MCL FOR ARSENIC

Enclosed is Compliance Order No. 03-19-09O-017 that the California Department of Public Health is issuing to the Kern Mobile Estates water system (hereinafter Water System) for a violation of the California Safe Drinking Water Act. The Water System has been serving water to consumers that fails the primary maximum contaminant level (MCL) for arsenic of 0.010 milligrams-per-liter.

As discussed in the compliance order, the Water System shall develop and implement a plan to resolve the MCL violation and ensure that water served to consumers meets all drinking water standards. The Department has various funding programs available for providing financial assistance to water systems for making improvements that are needed to achieve compliance with the arsenic MCL. Funding information is available on the Department's web site at:

http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWPfunding.aspx

Please note that a written response to the Compliance Order is required by March 31, 2009 containing a plan and time schedule to correct the water quality problem as described in the Compliance Order. Failure to comply with deadlines and orders specified in the Compliance Order may result in further enforcement action by the Department. Please be advised that the time we have spent on preparing the compliance order is considered enforcement time and has been billed to the Water System at our current billing rate of $111.06 per hour.

All written responses should be directed to Jesse Dhaliwal, Senior Sanitary Engineer in the Tehachapi District office. If you have any questions regarding this compliance order, please contact the Tehachapi District office at (661) 335-7315.

Sincerely,

Richard L. Haberman, P.E.
Supervising Sanitary Engineer
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

Enclosure: Compliance Order No. 03-19-09O-017

CC: Kern County Environmental Health Services Department

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: Kern Mobile Estates Water System
System No. 1500571

TO: Ebby Shakib, Account Manager
Kern Mobile Estates
10100 Santa Monica Blvd. #2430
Los Angeles, CA 90067

COMPLIANCE ORDER
FOR
VIOLATION OF THE ARSENIC MAXIMUM CONTAMINANT LEVEL
April 1, 2008 to December 31, 2008

Compliance Order No. 03-19-09O-017

Issued on: January 23, 2009

Section 116655, Chapter 4 of the California Health and Safety Code (H&SC) authorizes the issuance of an Order for failure to comply with a requirement of the California Safe Drinking Water Act, or any regulation, standard, permit, or order issued thereunder.

BACKGROUND

The California Department of Public Health (hereinafter Department) regulates public water systems and is responsible for enforcing the California Safe Drinking Water Act (Division 104, Part 12, Chapter 4 of the H&SC).

Kern Mobile Estates operates the Kern Mobile Estates water system, a public water system regulated by the Department. Kern Mobile Estates water system (hereinafter Water System) is a community water system located in the community of Rosamond, in Kern

County. The Water System serves a population of approximately 60 through 60 active service connections. The Water System is operating under Water Supply Permit Number 03-12-95P-047 issued by the California Department of Health Services on December 19, 1995. The Water System consists of two wells, two storage tanks, two booster pumps, two pressure tanks, and distribution lines.

Arsenic is a naturally occurring contaminant sometimes found in drinking water. The State primary Maximum Contaminant Level (MCL) for arsenic in drinking water is 0.010 milligrams-per-liter (mg/L). Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer. Effective January 23, 2006, the United States Environmental Protection Agency (USEPA) lowered the Federal primary MCL for arsenic from 0.050 to 0.010 mg/L. Effective November 28, 2008, the Department lowered the State primary MCL for arsenic from 0.050 to 0.010 mg/L as stated in Chapter 15, Section 64431, Title 22 of the California Code of Regulations (CCR), in order to match the Federal MCL set by USEPA.

A water system in violation of the MCL for arsenic may come into compliance by finding a new source of water meeting drinking water standards, by treating the water to remove or reduce the level of arsenic in the water, by blending the arsenic contaminated water with another source of water with low levels or no arsenic in it, or by consolidating with another water system that is able to provide water that meets drinking water standards. For small

water systems that are failing the drinking water standard for arsenic, the Department strongly recommends consolidation of the small water system with a nearby larger water system. The Department may be able to provide funding in the form of either grants or low interest loans through the Safe Drinking Water State Revolving Fund (DWSRF) or Proposition 84.

FINDINGS

Water quality monitoring of the Water System indicates that the water served to the public by the Water System from Well 01 (PS Code 1500571-001) and Well 02 (PS Code 1500571-002) is contaminated with arsenic. **Attachment A** is a copy of the Department's WQI database report of the Water System's arsenic monitoring of Well 01 and Well 02. **Attachment B** has a table that contains a summary of arsenic monitoring results for Well 01 and Well 02.

Compliance with the MCL for arsenic is determined by the running annual average of four quarters worth of data. If any sample will cause the annual average at any sample site to exceed the MCL, the system shall be out of compliance immediately upon receiving the result. Also, if a system has not analyzed the required number of samples, compliance shall be determined by the average of the samples collected at the site during the most recent 12 months.

The Water System collected one samples from Well 01. The most recent running annual average arsenic level in Well 01 was 0.012 mg/L. Therefore, the Water System failed the primary MCL for arsenic of 0.010 mg/L for the water produced by Well 01.

The Water System collected two samples from Well 02. The most recent running annual average arsenic level in Well 02 was 0.011 mg/L. Therefore, the Water System failed the primary MCL for arsenic of 0.010 mg/L for the water produced by Well 02.

The Water System is in violation of the primary MCL for arsenic for the period from April 1, 2008 to December 31, 2008.

Monitoring and Reporting Requirements

When the arsenic monitoring results for a source indicate the presence of arsenic at a level exceeding the MCL, the water system is required to conduct quarterly monitoring of that sources for arsenic. On February 13, 2008, the Department issued a Notice of Violation (NOV) to the Water System for a Federal Arsenic Rule Exceedance for Well 01 and Well 02. The NOV included quarterly monitoring requirements and public notification requirements similar to those contained in this Order. The Water System failed to monitor for arsenic in the fourth quarter of 2007 and the first, third, and fourth quarters of 2008 for Well 01 and in the fourth quarter of 2007 and the third and fourth quarters of 2008 for Well 02. Therefore, the Water System is in violation of monitoring and reporting regulations.

Water systems that fail to monitor in accordance with regulations are required to inform their customers of that fact in the next annual Consumer Confidence Report.

CONCLUSIONS OF LAW

Based on the above Findings, the Department has determined that Kern Mobile Estates has violated statutes contained in the California Health and Code and regulations contained in Title 22, California Code of Regulations. These violations include, but are not limited to the following:

1. H&SC Section 116555(a)(1): Specifically, Kern Mobile Estates water system delivered water to their consumers that did not comply with a primary drinking water standard.
2. H&SC Section 116555(a)(3): Specifically, Kern Mobile Estates water system failed to ensure that a reliable and adequate supply of pure, wholesome, healthful, and potable water is provided to all of its consumers.
3. CCR Section 64431(a): Specifically, the water supplied by Kern Mobile Estates water system from Well 01 (PS Code 1500571-001) and Well 02 (PS Code 1500571-002), exceeded the maximum contaminant level of 0.010 mg/L for arsenic and, therefore, did not comply with primary drinking water standard for arsenic for the period from January 1, 2008 to December 31, 2008, based upon the running annual average arsenic level in the water.
4. CCR Section 64431(a): Specifically, Kern Mobile Estates water system failed to monitor Well 01 (PS Code 1500571-001) for arsenic in the fourth quarter of 2007 and

the first, third, and fourth quarters of 2008 and failed to monitor Well 02 (PS Code 1500571-002) for arsenic in the fourth quarter of 2007 and the third and fourth quarters of 2008 after exceeding the MCL for arsenic.

PUBLIC NOTIFICATION

Since exceeding inorganic MCLs (other than nitrate or perchlorate) is a Tier 2 violation, the Water System must provide public notice to persons served as soon as practical but within 30 days after learning of the violation (CCR, Title 22, Chapter 15, Section 64463.4(b)). The Water System is required to submit the notice to the Department for approval prior to distribution or posting. In accordance with the NOV issued on February 13, 2008, the Water System has been conducting quarterly public notification of its consumers since March 5, 2008. **Attachment C** contains the required language that must now be included in the public notice. Also included in **Attachment C** are instructions describing the required methods of notification for Tier 2 violations. The Water System must continue to perform quarterly public notification in accordance with the instructions provided in **Attachment C** as long as it is in violation of the primary standard for arsenic. The quarterly notification must be updated by taking into account the latest results of arsenic monitoring. **Attachment D** is a *Proof of Notification* form that Water System will need to complete and submit to the Department following each quarterly public notification along with a copy of that notice.

ORDER

In order to ensure that the water supplied by Kern Mobile Estates water system is at all times safe, wholesome, healthful, and potable, and pursuant to Section 116655 of the H&SC, Kern Mobile Estates is hereby ordered to take the following actions regarding Kern Mobile Estates water system:

1. Kern Mobile Estates water system shall Cease and Desist from failing to comply with H&SC Section 116555(a)(1) and (3) by ensuring that the water system is provided with a reliable and adequate source of pure, wholesome, healthful, and potable water that is in compliance with all drinking water standards.

2. Kern Mobile Estates water system shall continue to provide public notification at least once every three months in accordance with the directions given in **Attachment C** until the problem is corrected. Proof of public notification shall be provided to the Department following each quarterly notification by the 10th day of the month following notification, using the form provided as **Attachment D.**

3. Kern Mobile Estates water system shall continue to monitor Well 01 and Well 02 quarterly for arsenic and shall require the analyzing laboratory to report the results to the Department via electronic data transfer. Results of quarterly monitoring for arsenic shall be reflected in the quarterly public notice.

4. By **March 31, 2009,** Kern Mobile Estates water system shall submit to the California Department of Public Health for review and approval, a plan to correct the water

quality problem and eliminate the need to deliver water to the system from Well 01 and Well 02 that does not meet drinking water standard for arsenic. The plan shall include a time schedule for completion which must not extend beyond **March 31, 2010** or beyond one year from the date that a project to be funded by DWSRF/Prop 84 achieves final approval, whichever is later. Any plan involving treatment of any kind or significant changes to the distribution system must be prepared by a registered engineer qualified to work on drinking water systems. The Preliminary Engineering Report for the proposed DWSRF/Prop 84 project application may suffice to satisfy this directive.

5. Kern Mobile Estates water system shall complete all the improvements and/or additions outlined in the proposed project submitted pursuant to item 4 above in accordance with the time schedule as approved by the Department. Kern Mobile Estates shall also submit quarterly progress reports to the Department, beginning **July 10, 2009.**

6. Kern Mobile Estates water system shall minimize the use of Well 01 and Well 02 as much as possible and shall maintain monthly production reports for Well 01 and Well 02 and provide them to the Department when requested.

7. The Department reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance.

8. If Kern Mobile Estates water system is unable to perform the directives specified in this Order for any reason, whether within or beyond its control, and if Kern Mobile Estates notifies the Department in writing no less than five days in advance of the due date, the Department may extend the time for performance if Kern Mobile Estates demonstrates that it has used its best efforts to comply with the schedule and other requirements of this Order.

9. If Kern Mobile Estates water system fails to perform any of the tasks specified in this Order by the time described herein or by the time subsequently extended pursuant to Item 8 above, Kern Mobile Estates water system shall be deemed to have not complied with the obligations of this Order and may be subject to additional judicial action, including civil and criminal penalties specified in H&SC, Section 116725 and 116730.

10. The State of California shall not be liable for any injuries or damages to persons or property resulting from acts or omissions by Kern Mobile Estates water system, its employees, agents, or contractors in carrying out activities pursuant to this Order, nor shall the State of California be held as a party to any contract entered into by Kern Mobile Estates water system or its agents in carrying out activities pursuant to this Order.

All submittals required by this Order shall be addressed to:

Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer
California Department of Public Health
S. California Branch, Drinking Water Field Operations
1200 Discovery Drive, Suite 100
Bakersfield, CA 93309

PARTIES BOUND

This Order shall apply to and be binding upon Kern Mobile Estates water system, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The requirements of this Order are severable, and Kern Mobile Estates water system shall comply with each and every provision thereof notwithstanding the effectiveness of any provisions.

January 23, 2009
Date

Richard L. Haberman, P.E., Chief
Region III
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

Attachments:

Attachment A: WQI Reports - Kern Mobile Estates water system - Arsenic Monitoring Results
Attachment B: Summary of Arsenic Monitoring
Attachment C: Public Notification Required Language and Method of Notification
Attachment D: Proof of Public Notification

Kern Mobile Estates Water System

Compliance Order No. 03-19-09O-017

Attachments

Attachment A

WQI Reports - Arsenic Monitoring Results

DRINKING WATER ANALYSES RESULTS REPORT
ALL SAMPLES FOR SELECTED CONSTITUENTS - ALL RESULTS
FOR SAMPLE DATE RANGE OF 19940101 THRU 20090123
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: Kern Mobile Estates
SOURCE NO: 001 NAME: WELL 01 - EAST (KERN MOBILE ES
COUNTY: KERN
PSCODE: 1500571-001 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
IO INORGANIC						
01002 ARSENIC	07/31/2002	23.0000 *	50.0000	2.0000	5.0000	UG/L
01002 ARSENIC	09/26/2007	22.0000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/02/2008	12.0000 *	10.0000	2.0000	5.0000	UG/L

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
NOTE2: .000 = RESULT WAS REPORTED AS NON-DETECTED EXCEPT FOR RAD

DRINKING WATER ANALYSES RESULTS REPORT
ALL SAMPLES FOR SELECTED CONSTITUENTS - ALL RESULTS
FOR SAMPLE DATE RANGE OF 19940101 THRU 20090123
REPORT OF COUNTY: 15 KERN

SYSTEM NO: 1500571 NAME: Kern Mobile Estates COUNTY: KERN
SOURCE NO: 002 NAME: WELL 02 - WEST PSCODE: 1500571-002 CLASS: CTGD STATUS: AU

GROUP IDENTIFICATION / CONSTITUENT IDENTIFICATION	SAMPLE DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
IO INORGANIC						
01002 ARSENIC	02/25/1997	21.0000 *	50.0000	2.0000	5.0000	UG/L
01002 ARSENIC	05/10/2004	17.0000 *	50.0000	2.0000	5.0000	UG/L
01002 ARSENIC	09/26/2007	6.1000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	01/22/2008	8.7000 *	10.0000	2.0000	5.0000	UG/L
01002 ARSENIC	04/02/2008	13.0000 *	10.0000	2.0000	5.0000	UG/L

NOTE1: * = RESULT IS EQUAL TO OR GREATER THAN TRIGGER
NOTE2: 000 = RESULT WAS REPORTED AS NON-DETECTED EXCEPT FOR RAD

Attachment B

Summary of Arsenic Monitoring

Kern Mobile Estates
1500571

Summary of Arsenic Monitoring
(milligrams-per-liter)

Sample Date	Well 01 (PS Code 1500571-001)	Well 02 (PS Code 1500571-002)
9/26/2007	0.022	0.006
4th Qtr. 2007	ns	ns
1/22/2008	ns	0.009
4/2/2008	0.012	0.013
3rd Qtr. 2008	ns	ns
4th Qtr. 2008	ns	ns
RAA	0.012	0.011

ns: no sample
RAA: Latest Running Annual Average

Attachment C

Public Notification Required Language and Method of Notification

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Kern Mobile Estates

Water Has Levels of Arsenic Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we are doing to correct this situation.

We routinely monitor our water supply for the presence of drinking water contaminants. The average level of arsenic in samples collected from January 1, 2008 to December 31, 2008 was 0.012 milligrams-per-liter (mg/L) (equivalent to 0.012 parts-per-million) in Well 01 and 0.011 mg/L in Well 02. This is above the standard, or maximum contaminant level (MCL), set by the State of California Department of Public Health of 0.010 mg/L. This standard is based upon the running average of the most recent quarterly arsenic monitoring.

What should I do?

- **You do not need to use an alternative water supply (e.g., bottled water).**
- **This is not an emergency. If it had been, you would have been notified immediately. However, *some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems and may have an increased risk of getting cancer.***
- **If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.**

What happened? What is being done?

We are working with the State Department of Public Health to find an alternative source of supply or install arsenic removal treatment and bring our water supply back into compliance with the arsenic MCL.

For more information, please contact Ebby Shakib, Account Manager, Kern Mobile Estates, at (310) 553-2585 or the State Department of Public Health at (661) 335-7315. This notification of all water users is being performed in compliance with law and regulations of the California State Department of Public Health to keep you, the affected public, fully informed.

Date: _____

Signed: _____
Ebby Shakib, Account Manager

Instructions for Tier 2 Arsenic MCL Notice Template

Template Attached

Since exceeding the arsenic maximum contaminant level (MCL) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations Title 22, Chapter 15, Section 64463.4(b)]. **Each water system required to give public notice must submit the notice to the Department for approval prior to distribution or posting, unless otherwise directed by the Department [64463(b)].**

Notification Methods

You must use the methods summarized in the table below to deliver the notice to consumers. If you mail, post, or hand deliver, print your notice on letterhead, if available

If You Are a...	*You Must Notify Consumers by...*	*...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...*
Community Water System [64463.4(c)(1)]	Mail or direct delivery [(a)]	Publication in a local newspaper
		Posting in public places served by the water system or on the Internet [(b)]
		Delivery to community organizations
Non-Community Water System [64463.4(c)(2)]	Posting in conspicuous locations throughout the area served by the water system [(b)]	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting on the Internet or Intranet [(b)]
		Direct delivery to each customer

(a) Notice must be distributed to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days

The notice attached is appropriate for the methods described above. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the health effects and notification language in italics unchanged. This language is mandatory [64465].

Multilingual Requirement

Spanish. Each public notice must contain information in Spanish regarding (1) the importance of the notice or (2) contain a telephone number or address where Spanish-speaking residents may contact the water system to obtain a translated copy of the public notice or assistance in Spanish.

Non-English Speaking Groups Other than Spanish-Speaking. For each group that exceeds 1,000 residents or 10% of the residents in the community served, whichever is less, the public notice must (1) contain information in the appropriate language(s) regarding the importance of the notice or (2) contain a telephone number or address where such residents may contact the water system to obtain a translated copy of the notice or assistance in the appropriate language.

Population Served

Make sure it is clear who is served by your water system -- you may need to list the areas you serve

Corrective Action

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove arsenic or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for arsenic."
- "We have since taken samples at this location and had them tested. They show that we meet the standards.".

After Issuing the Notice

Send a copy of each type of notice and a certification that you have met all the public notice requirements to the Department within ten days after you issue the notice [64451(d)]. You should also issue a follow-up notice in addition to meeting any repeat notice requirements the Department sets.

It is recommended that you notify health professionals in the area of the violation. People may call their doctors with questions about how the violation may affect their health, and the doctors should have the information they need to respond appropriately.

It is a good idea to issue a "problem corrected" notice when the violation is resolved.

Attachment D

Proof of Public Notification

State of California—Health and Human Services Agency
California Department of Public Health

MARK B HORTON, MD, MSPH
Director

ARNOLD SCHWARZENEGGER
Governor

PROOF OF NOTIFICATION

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by **Kern Mobile Estates** of the failure to comply with the arsenic maximum contaminant level during the 1st 2nd 3rd 4th (circle one) quarter of _____(year).

Notification was made on _____ by
(date)

hand delivered or **mailed/posted** written notice.
(circle all completed)

_____
Signature of Water System Representative

_____
Date

DISCLOSURE: Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars ($5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than $25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Due **March 10, 2009**, then quarterly
Arsenic MCL Failure
System Number 1500571

Division of Drinking Water and Environmental Management
1200 Discovery Drive, Suite 100, Bakersfield, CA 93309
(661) 335-7315; (661) 335-7316 Fax
Internet Address: http://www.cdph.ca.gov/programservices/programs/Pages/DWP.aspx

Attachment F

Arsenic Public Notice Template
&
Proof of Notification Blank Form

Instructions for Tier 2 Arsenic MCL Notice Template

Template Attached

Since exceeding the arsenic maximum contaminant level (MCL) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations Title 22, Chapter 15, Section 64463.4(b)]. **Each water system required to give public notice must submit the notice to the Department for approval prior to distribution or posting, unless otherwise directed by the Department [64463(b)].**

Notification Methods

You must use the methods summarized in the table below to deliver the notice to consumers. If you mail, post, or hand deliver, print your notice on letterhead, if available.

If You Are a...	*You Must Notify Consumers by...*	*...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...*
Community Water System [64463.4(c)(1)]	Mail or direct delivery [(a)]	Publication in a local newspaper
		Posting in public places served by the water system or on the Internet [(b)]
		Delivery to community organizations
Non-Community Water System [64463.4(c)(2)]	Posting in conspicuous locations throughout the area served by the water system [(b)]	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting on the Internet or Intranet [(b)]
		Direct delivery to each customer

(a) Notice must be distributed to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days.

The notice attached is appropriate for the methods described above. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the health effects and notification language in italics unchanged. This language is mandatory [64465].

Multilingual Requirement

Spanish. Each public notice must contain information in Spanish regarding (1) the importance of the notice or (2) contain a telephone number or address where Spanish-speaking residents may contact the water system to obtain a translated copy of the public notice or assistance in Spanish.

Non-English Speaking Groups Other than Spanish-Speaking. For each group that exceeds 1,000 residents or 10% of the residents in the community served, whichever is less, the public notice must (1) contain information in the appropriate language(s) regarding the importance of the notice or (2) contain a telephone number or address where such residents may contact the water system to obtain a translated copy of the notice or assistance in the appropriate language.

Population Served

Make sure it is clear who is served by your water system -- you may need to list the areas you serve.

Corrective Action

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove arsenic or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for arsenic."
- "We have since taken samples at this location and had them tested. They show that we meet the standards."

After Issuing the Notice

Send a copy of each type of notice and a certification that you have met all the public notice requirements to the Department within ten days after you issue the notice [64451(d)]. You should also issue a follow-up notice in addition to meeting any repeat notice requirements the Department sets.

It is recommended that you notify health professionals in the area of the violation. People may call their doctors with questions about how the violation may affect their health, and the doctors should have the information they need to respond appropriately.

It is a good idea to issue a "problem corrected" notice when the violation is resolved.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Lucky 18 on Rosamond Water System Has Levels of Arsenic Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we are doing to correct this situation.

We routinely monitor our water supply for the presence of drinking water contaminants including arsenic. Based on the samples collected from August 8, 2012, (3rd Quarter 2012) to April 22, 2012, (2nd Quarter 2013) water produced by Well 01 (East Well) contained an average of 25 µg/L (0.025 mg/L) of arsenic. For the same period, water produced by Well 02 (West Well) contained an average of 25 µg/L (0.025 mg/L) of arsenic. Well 01 and Well 02 produce water that is above the maximum contaminant level (MCL) of 10.0 µg/L (0.010 mg/L). This standard, set by the California Department of Public Health, is based upon the running annual average of the most recent quarterly arsenic monitoring.

What should I do?

- **You do not need to use an alternative water supply (e.g., bottled water).**
- This is not an emergency. If it had been, you would have been notified immediately. However, *some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk to getting cancer.*
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

We have not been conducting quarterly arsenic sampling of our wells. We have signed a contract with a new sampling service and will resume quarterly arsenic monitoring. As a long term solution to our arsenic problem, we are working to consolidate our Water System with Rosamond Community Services District.

For more information, please contact Mr. Brian Bailey, the Water System's Manager, Lucky 18 on Rosamond Water System, at (661) 202-9431 or the California Department of Public Health at (661) 335-7315. This notification of all water users is being performed in compliance with law and regulations of the California State Department of Public Health to keep you, the affected public, fully informed.

Date: _____ Signed: _____

Brian Bailey, Manager

State of California—Health and Human Services Agency
California Department of Public Health

RON CHAPMAN, MD, MPH
Director&State Health Officer

EDMUND G BROWN JR
Governor

PROOF OF NOTIFICATION

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by **Lucky 18 on Rosamond, LLC** of the failure to comply with the arsenic maximum contaminant level during the 1st 2nd 3rd 4th quarter of _____(year).

Notification was made on _____ by
(date)

_____ **hand delivered or mailed/posted** _____ written notice.
(circle all completed)

_____
Signature of Water System Representative

_____
Date

DISCLOSURE: Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars ($5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than $25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Due: Quarterly
Arsenic MCL Failure
System Number 1500571
Compliance Order No. 03-19-09O-017

Attachment G

Bacteriological Monitoring Requirements for Small Water Systems

State of California---Health and Human Services Agency
California Department of Public Health

MARK B HORTON, MD, MSPH
Director

ARNOLD SCHWARZENEGGER
Governor

BACTERIOLOGICAL MONITORING REQUIREMENTS (Nov. 2010)
For Small Water Systems

1. Minimum Monitoring Frequency

In General the Minimum Monitoring Frequency is as follows:

Monthly Population Served	Service Connections	Minimum Frequency
25 to 1,000	15 to 400	1 per month
1,001 to 2,500	401 to 890	2 per month

Community Water System	1 per month
Nontransient Noncommunity	1 per month
Transient Noncommmunity (groundwater)	1 per quarter
Transient Noncommunity (surface water)	1 per month

Increased monitoring frequency may be required if there is more than one pressure zone in the distribution system or multiple sources or storage reservoirs. If your system is providing continuous chlorination treatment, closely review Item 6 below.

Increased monitoring frequency may also be required for a noncommunity system. If the average daily number of people served by a noncommunity system exceeds 1,000, then the system monitors according to Table 64423-A, Section 64423, Title 22, California Code of Regulations, as a minimum.

2. Routine and Repeat Sampling

All **routine samples** should be collected from the distribution system (not from the well) at locations specified in an approved Bacteriological Sample Siting Plan. If such a plan has not been prepared for your water system, contact the Department for assistance.

Division of Drinking Water and Environmental Management
1200 Discovery Drive, Suite 100, Bakersfield, CA 93309720
(661) 336-7315; Fax (661) 336-7316
Internet Address: http://www.cdph.ca.gov/programservices/programs/Pages/DWP.aspx

3. Repeat Monitoring After a Coliform-Positive Sample

Notification of a Coliform-Positive Sample - The water system shall require the laboratory to notify the system within 24 hours if any sample is coliform-positive. The water system must collect a repeat sample set within 24 hours of notification of the coliform-positive sample. **If the sample is fecal coliform or *E. Coli* positive, the water system should contact the Department immediately.**

Repeat Sampling - *For systems collecting only one sample per month or quarter*, a repeat sample set shall consist of four (4) samples as follows: one (1) from the routine sample site at which the positive occurred, one (1) from the upstream repeat sample site, one (1) from the downstream repeat sample site and one (1) from the operating well or another location within the system that would best help to identify the source or area of contamination. *For systems collecting more than one sample per month*, a repeat sample set shall consist of three (3) samples as follows: one (1) from the routine sample site at which the positive occurred, one (1) from the upstream repeat sample site, and one (1) from the downstream repeat sample site.

Groundwater Rule Sampling - Within 24 hours of a routine total coliform positive sample, each groundwater system is required to collect a raw water sample from **each** active well in use at the time when the routine total coliform positive sample was collected. Not collecting a sample from the well is a violation of the federal Ground Water Rule. For water systems that collect only one (1) routine sample monthly or quarterly, the well sample may be counted towards total coliform rule MCL compliance determination, if it is listed as a 4th repeat site in the water system's approved Bacteriological Sample Siting Plan (BSSP). If the well site is not listed as a 4th repeat site in the BSSP, then the water system must collect four (4) repeat samples from the distribution system in addition to the well sample.

The repeat sample sites shall be located within five service connections upstream and downstream of the routine site as identified in the Bacteriological Sample Siting Plan. At least one repeat sample shall be collected from upstream and one from downstream unless there is no upstream or downstream service connection. Contact the Department as soon as the results of the repeat samples are obtained.

The following criteria should be considered when determining where to collect the fourth repeat sample:

- For systems with only one active well and do not provide continuous chlorination, the sample may be collected at the wellhead. This well sample would also meet the Groundwater Rule sampling requirements.
- For systems with more than one active well, it may not be possible to determine which well was serving the area where the positive routine sample was collected. For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system. In addition, a raw water sample from each active well must be collected to comply with the Groundwater Rule sampling requirements.

- For systems providing continuous chlorination, the system should already be conducting raw-water bacteriological monitoring at a point ahead of chlorination on at least a quarterly basis. These results may be helpful to determine if the source of bacteriological contamination is from the well itself. For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system. In addition, a raw water sample from each active well must still be collected to comply with the Groundwater Rule sampling requirements.
- Contact the Department for assistance.

If any of the above criteria would result in a change or revision to your existing bacteriological sample-siting plan, you must first submit a revised plan to our office for review and approval before implementing any such change or revision.

Any additional samples collected from the well(s) for investigative purposes (*not part of the repeat sample set*) should be labeled as "special" samples (or "other" samples), and will not be counted towards compliance with the monthly total coliform water quality standards.

Sampling the Month Following a Coliform-Positive Sample - If a public water system for which fewer than five routine samples/month or quarter are collected, has one or more total coliform-positive samples, the water supplier shall collect at least five routine samples the following month. These samples can be collected on the same day from five different routine sites or from the same routine sites at 15 minute intervals (if fewer than five sites are available). If all five samples are negative for total coliform, the water system may return to the normal sampling frequency during the next sampling period.

4. Determining Compliance with the Coliform Standard

A public water system will fail the coliform maximum contaminant level (MCL) if: For a public water which collects fewer than 40 samples per month, at least two samples collected in the same month are coliform-positive. When this occurs, the water system representative shall contact the Department immediately (within 24-hours or the next business day if the office is closed). The water system will be required to conduct public notification and will be provided with an approved notification to be used. Public notification shall be conducted by direct mail, hand delivery or posting (where approved).

5. Monthly Reporting of Coliform Monitoring Results

The analytical results of all coliform monitoring shall be reported to the Department by the 10th day of the month following sample collection. The water system can request the laboratory to provide the results to the Department; however, the water system is ultimately responsible to ensure that the sample results were received. If the water delivered to your water system is provided with a disinfection treatment, the chlorine residual should be measured and reported at the same time and location(s) that the bacteriological sample(s) are collected. This residual must be provided to the Department on the laboratory analysis report at this time. Beginning January 1, 2004, EPA's

6. Bacteriological Monitoring of Wells (for systems chlorinating)

Water systems that are routinely chlorinating the water supply are required to sample the raw well water for coliform bacteria. Initially, a minimum of six consecutive monthly samples must be collected from the well discharge. The samples must be collected at a location ahead of chlorination. After six consecutive monthly samples do not show the presence of coliform bacteria, the water system may request a reduction in sampling to one sample per quarter. The laboratory should be instructed to determine the most probable number of coliform (MPN) for well samples. The results of all samples shall be submitted to the Department.

Attachment H

Guidelines for Completing a Bacteriological Sample Siting Plan

MARK B HORTON, MD, MSPH
Director

State of California—Health and Human Services Agency
California Department of Public Health

ARNOLD SCHWARZENEGGER
Governor

GUIDELINES FOR COMPLETING THE BACTERIOLOGICAL SAMPLE SITING PLAN

The total coliform regulation requires the water supplier to submit a bacteriological sample siting plan to the Department for review and approval. The locations where samples are to be collected must be written down and formally approved by the Department. These guidelines and Attachment B, "Bacteriological Sample Siting Plan" Form, are to assist you in complying with these requirements.

To comply with the requirements for submitting a Bacteriological Sample Siting Plan, two (2) items must be submitted to the Department at this time.

1. A system map, street map, or system schematic showing all sampling locations must be submitted. The map can be prepared by any system representative. It does not have to be prepared by an engineer. The following are to be shown on the map:

   - Water Sources (i.e., well or spring)
   - Treatment Facilities (i.e., chlorination)
   - Storage Tanks
   - Pressure Reducing Stations
   - Booster Stations
   - Pressure Zones
   - Dead Ends
   - Service Area Boundaries
   - Routine Sample Sites
   - Repeat Sample Sites
   - Special Sample Sites

2. Complete Attachment B, the "Bacteriological Sample Siting Plan" form, and return the system map and form to the Department for review and approval.

Once the Bacteriological Sample Siting Plan has been approved by the Department, copies should be provided to the person responsible for sample collection, the laboratory and the person responsible for reporting coliform-positive samples to the Department.

Drinking Water Field Operations – Southern California Branch
1200 Discovery Drive, Suite 100, Bakersfield, CA 93309720
phone: (661) 336-7315; fax (661) 336-7316
Internet Address: http://www.cdph.ca.gov/

Selection of Sampling Sites

The routine sampling sites chosen must be representative of the water distribution system including all pressure zones, areas supplied by each water source and distribution reservoir.

Looped Systems: If your entire water distribution system is looped, then one routine sample point may be representative of your system, assuming valves are open.

Pressure Zones: You should only be concerned about sampling in different pressure zones if your water system serves different areas of varying elevations, for example in mountainous areas.

How many routine sampling sites are required?

A minimum of five (5) routine sampling sites must be selected and indicated on your map and sampling plan form. If your water system is required to collect less than 5 routine samples a month, then 5 routine samples must be collected the month following any coliform positive sample. This is the reason for identifying 5 routine sites in your plan.

If the water system is not adequately represented by 5 routine sample locations, you may identify additional locations and collect more than one sample per month. Each site identified should be rotated for sampling at least every three months.

How many repeat sampling sites are required?

For systems normally collecting one or fewer samples per month, a repeat sample set consists of four samples to be collected from the following locations:

- One repeat sample from the same routine location.
- One repeat sample from an *upstream location.*
  (within 5 connections of the routine site)
- One repeat sample from a *downstream location.*
  (within 5 connections of the routine site)
- One sample from *some other location.*
  (The following criteria should be considered when determining where to collect the fourth repeat sample.)
  - For systems with only one active well and do not provide continuous chlorination, the sample may be collected at the wellhead.
  - For systems with more than one active well, it may not be possible to determine which well was serving the area where the positive routine sample was collected. For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system.
  - For systems providing continuous chlorination, the system should already be conducting raw-water bacteriological monitoring at a point ahead of chlorination on at least a quarterly basis. These samples should be used to determine if the source of bacteriological contamination is from the well itself.

For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system.

- Contact the Department for assistance.

For systems collecting more than one routine sample per month, a repeat sample set consists of three samples from the following locations:

- One repeat sample from the same routine location.
- One repeat sample from an upstream location.
  (within 5 connections of the routine site)
- One repeat sample from a downstream location.
  (within 5 connections of the routine site)

What if the water system does not have enough locations to select the required number of routine and repeat sample sites?

If the water system does not have enough sample locations to identify 5 routine sites and 3 to 4 repeat sites per routine, you may either (1) identify fewer than 5 routine sites as long as the sampling adequately reflects water quality in the distribution system, or (2) use some of the routine sites as repeat sites for other routines (i.e., double up on use of available sites).

Pointers for Sample Site Selection

- When selecting a routine sample site you should be able to select a site upstream and a site downstream for repeat sampling.
- Select a site where the water is used continuously all year round.
- Pick a site that is easily accessible, i.e., a fenced yard with a locked gate and vicious dog is not a good selection.
- When choosing a sampling tap you should consider these factors:

  The sampling tap should be located in as clean an environment as possible. It should be protected from contamination by humans, animals, airborne materials or other sources of contamination.

  If you choose an outside private tap, it should be one that is in frequent use, clean, and at least 1½ feet (18 inches) above the ground. The sample tap should discharge downward.

  If you choose an inside tap, be sure that you are not sampling from drinking fountains, taps which have aerators or strainers, or swivel faucets, or taps off of individual homeowner treatment units.

  Do not choose a fire hydrant as sampling tap.

  Avoid taps that are surrounded by excessive foliage or taps that are dirty or corroded.

  Avoid taps that leak, have fittings with packing, or have permanent hoses or attachments fastened to the tap (Never collect a sample from a hose).

  Avoid the use of dead ends for routine sample collection, and use for repeat samples only of no other sample sites are available and if there is continuous water use from a service off the dead-end.

Instructions for Completing the Bacteriological Sample Siting Plan Form

This form has been designed to include all the requirements for the Bacteriological Sample Siting Plan.

- **PWS Classification**

  The public water system (PWS) classification for your water system is either community, nontransient noncommunity or transient noncommunity. This classification determines the type and frequency of all water quality testing. If you are uncertain of your classification, contact the Department.

- **Month/Daily Users**

  The monthly population determines the frequency of bacteriological sample collection for community water systems. The daily population determines the frequency of sample collection for transient and nontransient noncommunity systems.

- **Active Service Connections (Community water systems only)**

  This is the number of active hook-ups served by the system. If your system has a hook-up to a vacant lot, do not count this as an active connection. If a vacant lot has a right to a future connection, do not count this an active connection. If a residence is connected to the system, but the residence is vacant, count this as an active hook-up.

- **Sampling Frequency**

  This is the minimum number of routine bacteriological samples required at the frequency specified. If any routine sample is positive for coliform bacteria, additional repeat samples will be required. Repeat samples are in addition to the required routine samples. If you are uncertain of the routine sampling frequency for your water system, contact the Department. Attachment A provides the minimum frequency based on type of water system. This will be increased if more than 1,000 people have been served on a daily basis.

  A coliform-positive sample will increase the routine monitoring for a small system the following month. A system normally collecting less than 5 routine samples per month, which has a coliform positive sample, must collect a minimum of five (5) routine samples the following month.

- **Trained Sampler**

  The person collecting samples must be trained.

  Sampling Service: Water systems utilizing a certified laboratory or other sampling service for water sample collection will be considered to have trained samplers.

Enter the name of the laboratory or sampling service collecting your samples. A copy of the approved Bacteriological Sample Siting Plan should be provided to the laboratory or sampling service, if one is used.

Other Trained Samplers: Any person receiving a certificate from AWWA for attendance of the Water Sampling Training should submit a copy of their certificate along with the completed form. Any other samplers should submit a statement of their experience and training to this Department for approval.

- **Analyzing Lab**

  Enter the state certified laboratory, which will be analyzing your water samples.

- **Person Responsible to Report Coliform-Positive Samples to CDPH**

  This should be the person that the laboratory is required to contact when a sample is total or fecal coliform positive. This person must notify the Department within 24 hours of a violation of the total coliform standard (more than one positive sample in a month) or when any sample is fecal or *E. coli* positive. This person should have the authority to take corrective action as required by regulation and the Department. This should be the same person listed on your Emergency Notification Plan. Refer to Attachment A for additional instructions related to follow-up to positive samples.

- **Day/Evening Phone Number**

  The Department requires that the water system provide the phone numbers of the person listed above so that they can be contacted by the laboratory or the Department at any time during the day or evening in the event of a bacteriological emergency.

- **Signature and Date**

  The person preparing the Sample Siting Plan should sign and date the plan. If the Department has questions regarding the sampling plan, this is the person to be contacted.

- **Sample ID**

  This should be entered on the laboratory slip when the sample is turned into the laboratory. This is the unique identifier for the water sample location. For systems, which have no more than five (5) routine locations, these routine sites will be 1-ROU, 2-ROU, 3-ROU, 4-ROU, and 5-ROU.

  For systems collecting one or fewer routine samples per month, a minimum of five (5) routine sampling sites with three (3) repeat sampling sites for each routine sample locations must be listed.

  For systems collecting more than one routine sample per month, a minimum of five (5) routine sampling sites with two (2) repeat sampling sites for each routine sample

location must be listed. Repeat sample sites are to be located within five (5) service connections upstream and downstream of the routine sample site.

All sample locations should be marked in some way with the Sample ID, i.e., the code painted on the sampling location or tagged with a water proof tag so the person collecting the water sample is sure to collect the water from the correct sample locations.

- **Sample Type**

  This describes what type of sample (routine or repeat) is to be collected at this location.

- **Sample Point**

  This is the type of the sample location. Use the following abbreviations, when appropriate.

HB	Hose Bib (exterior)
SF	Sink Faucet
PC	Goose-Neck Type Copper Tube with Pet Cock

- **Location of Sample Point**

  This is the description of the area in the distribution that the sample site is located. Routine sample sites shall not be located at dead ends.

DE	Dead End (Not Recommended)
PZ	Pressure Zone
RD	Representative Distribution

- **Location Address**

  This is the actual physical location where the water sample is to be collected. If possible use a street address, i.e., 103 Good Street. If the location does not have a street address, use the last name of the resident, i.e., "Brown Residence." If the location is a business, please list the business name and address.

  When describing the location, keep in mind that the person collecting water samples must be able to locate the sample site from your description.

- **Months Sample Collected at This Location**

  This is the schedule for routine samples to be collected. For example, suppose two (2) sites are representative of your systems. Site No. 1 will be sampled in January, March, May, July, September, and November. Site No. 2 will be sampled in February, April, June, August, October, and December. All routine sites identified should be rotated to allow sampling at least every 3 months.

Attachment I

Groundwater Rule Compliance Acknowledgement Form

TO: Jaswinder Dhaliwal, P.E., Senior Sanitary Engineer
CDPH, Tehachapi District
1200 Discovery Drive, Suite 100
Bakersfield, CA 93309

FROM: Water System Name: _____

Water System Number: _____

RE: **Acknowledgement of Type of Triggered Source Monitoring Under the GWR**

Per the requirements of the federal Groundwater Rule (GWR), our public water system is identifying the following criteria for triggered source monitoring whenever a routine distribution system sample is total coliform positive *(mark box (1) or (2))*:

1) ☐ ***Each well*** will be sampled when a routine distribution bacteriological sample shows the presence of total coliform bacteria.

For Systems Collecting One or Fewer Routine Bacteriological Sample per Month:

☐ Attached is an updated BSSP identifying the well(s) as a fourth repeat sample site.

If your current BSSP does not identify a well as the fourth repeat sample site, please attach an updated BSSP. If you have 2 wells, you will be required to sample the second well also during repeat sampling, labeling it as "special" or "other". Please note: a positive source sample will be considered when determining compliance with the Total Coliform Rule.

☐ I choose not to use the well as the fourth repeat sample site. I intend to sample each well when there is a total coliform positive distribution system sample.

2) ☐ ***Representative*** triggered source monitoring is requested when a routine distribution bacteriological sample shows the presence of total coliform bacteria.

The following must be included for representative triggered source monitoring:

☐ Attached is an addendum to our BSSP that identifies which wells will be considered representative of serving each routine site. Included is a map showing the zones and the associated well(s) to be sampled for each routine sample site.

Please keep in mind that the Department may only ask you to sample a source that is providing water at the time that the total coliform-positive sample is detected (i.e., an ACTIVE well in Auto or Manual-ON mode).

You may request a guidance document for preparation of your updated BSSP from the Tehachapi District by calling (661) 335-7315 or by emailing your assigned engineer.

We [the water system] understand that the requirement to collect a triggered source sample is effective December 1, 2009.

Signed: _____ Date: _____

Printed Name: _____

Title: _____

Attachment J

Guidelines for Completing Lead & Copper Sampling
&
Lead and Copper data summary

Individual System Lead and Copper Rule Tracking Report

1500571 LUCKY 18 ON ROSAMOND Pop: 60 Eng: AMS

Lead Action Level: 0.015 mg/L

Copper Action Level: 1.3 mg/L

Sample Date Begin/(End)	Monitoring Period	Sample Set ID	Number Required	Number Sampled	Lead 90th % (mg/L)	Copper 90th % (mg/L)	Action Taken	Action Type	Next Due Date	Next Due Freq	Comments
(11/17/1995)	6M2ND-1995	1st 6	10	10	<0.005	0.014	EL	04E-54 DATED 07	5/17/1996	2nd 6	*2nd round of initial sampling was not completed*
(7/27/2004)	6M2ND-2004	1st 6	5	5	0.0025	0.025			1/31/2005	2nd 6	
(1/2/2005)	6M1ST-2005	2nd 6	5	5	0.00125	0.20			9/30/2008	T1	
(9/9/2008)	3Y2006-2008	T1	5	5	0.0005	0.025			9/30/2011	T2	

Legend:

Cit: Citation
EL: Enforcement letter

1st 6: 1st initial 6-mo. round of monitoring
2nd 6: 2nd initial 6-mo. round of monitoring

A1: 1st Annual monitoring
A2: 2nd Annual monitoring

T1: 1st Triennial (3 yr) monitoring
T2: 2nd Triennial (3 yr) monitoring
T3: 3rd Triennial (3 yr) monitoring

Lead and Copper Rule Sampling Guidance

For Small Water Systems (serving 3,300 persons or fewer)

Prepared by: California Department of Public Health
Southern California Drinking Water Field Operations Branch
Tehachapi District
4925 Commerce Drive, Suite 120
Bakersfield, CA 93309
Phone: (661) 335-7315

This guidance document was developed to help small water systems comply with the California Lead and Copper Rule. The Lead and Copper Rule requires community and nontransient-noncommunity water systems to monitor lead and copper levels at the consumers' taps. If action levels are exceeded, installation of corrosion control treatment is required. If the action level for lead is exceeded, public notification is required.

Lead Action Level = 0.015 mg/L
Copper Action Level = 1.3 mg/L

Compliance with the lead and copper action levels is based on the 90th percentile lead and copper levels. This means that the concentration of lead and copper must be less than or equal to the action level in at least 90% of the samples collected.

To help explain how to comply with the California Lead and Copper Rule, information on the following topics is included in this document:

Section 1 - Number of Tap Sample Sites Required
Section 2 - When to Sample
Section 3 - Where to Sample
Section 4 - How to Sample
Section 5 - How to Calculate the 90th Percentile Lead and Copper Levels
Section 6 - What to Do if You Exceed the Lead or Copper Action Level
Section 7 - How to Report Your Sample Results
Section 8 - Monitoring Waivers

Attachments to this document include:

1. "Homeowner Tap Sample Collection Procedures"
2. "Lead and Copper Results Worksheet"
3. Form 141-AR "Lead and Copper Rule Sampling Report"

Section 1. Number of Tap Sample Sites Required

The number of tap sample sites required is shown in Table 1, and is based on the population served by your water system and if you are performing Standard or Reduced Monitoring.

Table 1. Minimum Number of Tap Sample Sites Required

	Minimum Number of Tap Sample Sites	
System Population	Standard Monitoring	Reduced Monitoring
501 to 3,300	20	10
101 to 500	10	5
Less than 101	5	5

Section 2. When to Sample

- Standard Monitoring:

  Each water system must complete at least two consecutive 6-month Standard Monitoring periods with no exceedance of the lead or copper action level before the frequency of sampling can be reduced. During each 6-month Standard Monitoring period, you must collect at least one tap sample from the number of sites shown in Table 1 under Standard Monitoring.

  Therefore, during your first year of sampling, collect a set of samples in the first six months and a set of samples in the second six months. Samples must be analyzed for both lead and copper.

  If at any time your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

- Reduced Monitoring:

  If you have completed two consecutive 6-month Standard Monitoring periods and the 90th percentile levels do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Monitoring, and reduce the frequency at which you sample to once every three years.

  If you have completed two consecutive 6-month Standard Monitoring periods and the 90th percentile levels are greater than 0.005 mg/L for lead and 0.65 mg/L for copper, but do not exceed the lead or copper action levels, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Monitoring. You may also reduce the frequency at which you collect the samples to annual monitoring for two more years.

  In the second and third years of sampling, collect one set of samples during the month of June, July, August or September. Samples must be analyzed for both lead and copper. After completing the third year of sampling, if there has been no exceedance of the lead or copper action level, collect one set of samples every three years during the month of June, July, August or September. Again, samples must be analyzed for both lead and copper.

If at any time your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

Section 3. Where to Sample

Notes:
1. If lead service lines are present in the distribution system, at least half of the samples must come from the sites served by lead service lines.
2. Do not sample from homes or buildings that have point-of-use treatment (e.g., water softener, carbon filter system, etc.).
3. Each round of sampling should be conducted at the same sampling sites. If an original sampling site is not available, you should collect a tap sample from another site meeting the same Tier criteria as the original site.

- Community Water Systems:

  Lead and copper tap samples must be collected from sampling locations that meet the following criteria:

  Tier 1 - Single-family structures that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 sites available, samples must meet the following criteria:

  Tier 2 - Buildings and multiple-family residences that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 and Tier 2 sites available, samples must meet the following criteria:

  Tier 3 - Single-family structures that contain copper pipes with lead solder installed before 1983.

  If there are not enough Tier 1, Tier 2, and Tier 3 sites available, samples must be collected from representative sites (i.e., plumbing materials commonly found at other sites) throughout the distribution system.

- Nontransient-Noncommunity Water Systems:

  Lead and copper tap samples must be collected from sampling locations that meet the following criteria:

  Tier 1 - Buildings that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 sites available, samples must meet the following criteria:

  Tier 2 - Buildings that contain copper pipes with lead solder installed before 1983.

  If additional sites are needed to complete the sampling pool, samples must be collected from representative sites.

Section 4. How to Sample

Depending on the type of water system you operate, the following options are available for sample collection:

a) You can collect the samples yourself using the procedures outlined below, or

b) Residents of the water system can collect the samples for you. Letters are usually sent to find volunteers to participate in the sampling program. The attached sample collection instruction sheet must be sent to each participant. Residents collect the samples and complete the bottom portion of the instruction sheet. You collect the filled sample bottles and the completed instruction sheets from the residents. Sample bottles are then transported to the laboratory for analysis.

Sample Procedures:

1) Samples from residential housing are to be taken from a kitchen or bathroom cold-water faucet. Do not sample from faucets that have point-of-use treatment (e.g., water softener, carbon filter system, etc.). Samples from a non-residential building are to be collected from an interior tap from which water is typically drawn for consumption.

2) Each sample must be collected after the water has stood undisturbed in the pipes for at least 6 hours, but not more than 12 hours. It is best to collect the sample first thing in the morning.

3) Each sample must be one liter in volume and must contain the first water drawn from the faucet.

4) Remove the cap from the one-liter sample bottle, place the container directly below the faucet and gently open the cold-water tap.' Fill the sample bottle to the line marked "1-liter or 1,000-ml" and turn off the water.

   Tightly cap the sample bottle and complete the required information on the sample bottle label.

5) All samples must be analyzed by a laboratory certified by the State to perform drinking water lead and copper analyses.

Section 5. How to Calculate the 90th Percentile Lead and Copper Levels

Complete the attached "Lead and Copper Results Worksheet". If your 90th percentile lead level is greater than 0.015 mg/l, you have exceeded the action level. If your 90th percentile copper level is greater than 1.3 mg/l, you have exceeded the action level.

Section 6. What to Do if You Exceed the Lead or Copper Action Level

If your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

Section 7. How to Report Your Sample Results

Upon completion of each sampling period, the following items must be submitted to the Tehachapi District Office, Southern California Drinking Water Field Operations Branch, California Department of Public Health:

1) A fully completed Form 141-AR (copy attached).
2) Laboratory copies of all sample results.
3) Completed "Lead and Copper Results Worksheet".

Section 8. Monitoring Waivers

You may apply to the Department for a waiver to reduce the tap sampling frequency for lead and copper to once every nine years. If you meet the following materials and monitoring criteria for both lead and copper, a full waiver will be granted. If you meet the materials and monitoring criteria for only one of the chemicals, a partial waiver that covers only that chemical will be granted.

- Materials Criteria:

  You must provide certification and documentation that the distribution system and service lines and all drinking water supply plumbing, including plumbing conveying drinking water within all residences and buildings connected to the system, satisfy the following:

  For lead, the system must be free of plastic pipes that contain lead plasticizers or plastic service lines that contain lead plasticizers, lead service lines, lead pipes, lead-soldered pipe joints, and leaded brass or bronze alloy fittings and fixtures, unless you can demonstrate that such fittings and fixtures will not leach lead into the drinking water.

  For copper, the system must be free of copper pipes and copper service lines.

- Monitoring Criteria:

  You must have conducted standard tap sampling for at least one six-month period and demonstrate that the 90th percentile levels for all periods of tap sampling conducted since the water system became free of all lead-containing and/or copper-containing materials do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper. You must continue monitoring at the required frequency (Standard Monitoring or Reduced Monitoring) until a waiver is granted.

Homeowner Tap Sample Collection Procedures

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your state, and is being accomplished through the cooperation of homeowners and residents.

Tap Sample Collection Procedures:

1) Prior arrangements will be made to coordinate the sample collection event. Dates will be set for sample bottle delivery and pick-up by water system staff.
2) Samples are to be taken from a kitchen or bathroom cold-water faucet. Do not sample from faucets that have point-of-use treatment (e.g. water softener, carbon filter system, etc.).
3) Each sample must be collected after the water has stood undisturbed in the pipes for a minimum of 6 hours, but not more than 12 hours. Due to this requirement, it is best to collect the sample first thing in the morning.
4) Each sample must be one liter in volume and must contain the first water drawn from the faucet.
5) Remove the cap from the one-liter sample bottle, place the container directly below the faucet and gently open the cold-water tap. Fill the sample bottle to the line marked "1 liter or 1000-ml" and turn off the water.

   Tightly cap the sample bottle and complete the required information on the sample bottle label. If the label has been partially completed for you, verify that the information is correct.
6) If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information below.
7) Complete the bottom portion of this instruction sheet.
8) Place the sample bottle and instruction sheet outside of the residence (in the same location as delivery) so they can be retrieved by water system staff.
9) Results of the sampling will be provided to the participants.

If you have any questions regarding these directions, call:

_____
Contact Name

_____
Water System Name

_____
Phone Number

To Be Completed By Resident

Sample collection address: _____

Water was last used: Time_____ Date_____

Sample was collected: Time_____ Date_____

Plumbing repairs or replacement since last sampling event? _____

I have read the above directions and have taken a sample in accordance with these directions.

_____ _____
Signature *Date*

Lead and Copper Results Worksheet

System Name: _____ Sample Date(s): _____

Determine the 90th percentile lead and copper levels:

1. List all of the samples in Table 1 below.
2. Circle the highest three values for both lead and copper.
3. Determine the 90th percentile lead level by following the instructions given in Table 2.

   Write down the 90th percentile level for lead = _____ mg/L

   If the 90th percentile lead level is greater than 0.015 mg/L, you have exceeded the action level.
4. Determine the 90th percentile copper level by following the instructions given in Table 2.

   Write down the 90th percentile level for copper = _____ mg/L

   If the 90th percentile copper level is greater than 1.3 mg/L, you have exceeded the action level.

Table 1 - Sample Results

	Sample Address	Lead Level (mg/L)	Copper Level (mg/L)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Table 2 - Determining the 90th Percentile Lead or Copper Level

Number of Tap Samples Collected	How to Determine the 90th Percentile Lead or Copper Level
5 to 7	Average the two highest sample results to get the 90th percentile level.
8 to 12	The 90th percentile level is the second highest sample result.
13 to 17	Average the second and third highest sample results to get the 90th percentile level.
18 to 22	The 90th percentile level is the third highest sample result.

LEAD AND COPPER RULE SAMPLING REPORT

System's Name:_____

Address:_____

_____

_____

Telephone Number:_____

System ID Number:_____

Contact Person:_____

Type: ☐ CWS ☐ NTNCWS

Size: ☐ >100,000
☐ 50,001 to 100,000
☐ 10,001 to 50,000
☐ 3,301 to 10,000
☐ 501 to 3,300
☐ 101 to 500
☐ ≤ 100

Sample Date(s):_____

SAMPLE SITE IDENTIFICATION

Number of sample sites in each category:

- Single-family structures with copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Buildings containing copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Single family structures with copper pipes with lead solder installed before 1983 _____

Total: _____

Number of lead service lines present in the distribution system: _____

Number of samples collected from sites served by lead service lines: _____

The following sources have been explored to determine the number of structures that have interior lead pipe or copper pipe with lead solder:

☐ Plumbing and/or building codes
☐ Plumbing and/or building permits
☐ Contacts with the building department, municipal clerk's office, or state regulatory agencies
☐ Water quality data
☐ Interviews with building inspectors
☐ Survey of service area plumbers about when and where lead solder was used from 1982 to present
☐ Survey of residents
☐ Interviews with local contractors & developers

The following sources have been explored to determine the number of lead service lines in the distribution system:

☐ Distribution system maps and record drawings
☐ Capital improvement plans and/or master plans for distribution system development
☐ Standard operating procedures and/or operation & maintenance manuals for the types of materials used for service connections
☐ Utility records including meter installations, customer complaint investigations
☐ Water quality data
☐ Interviews with senior personnel
☐ Conduct service line sampling where lead service lines are suspected to exist
☐ Review of permit files
☐ Survey of residents
☐ Interviews with local pipe supplies, contractors and/or developers

RESULTS OF SAMPLING

Results of Lead And Copper Tap Water Samples: *(Attach copy of all results to this form.)*

Number of tap samples required:_____ 90th Percentile Lead Level:_____mg/L

Number of tap samples collected & submitted:_____ 90th Percentile Copper Level:_____mg/L

Results of Water Quality Parameter (WQP) Samples: *(Complete only if system is required to collect WQP samples.)*

Number of WQP samples required to be collected:_____

Number of WQP samples collected & submitted:_____

Number of WQP entry point samples required to be collected: _____

Number of WQP entry point samples collected and submitted _____

CERTIFICATION OF COLLECTION METHODS

I certify that:

- Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in plumbing system of each sampling site for at least six hours.
- Each first draw sample collected from a single-family residence has been collected from the cold-water kitchen tap or bathroom sink tap.
- Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.
- Each first draw sample collected during an annual or triennial monitoring period has been collected in months of June, July, August, or September.
- Each resident who volunteered to collect tap water samples from his or her home has been properly instructed in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of those sampling results.
- Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the residents who performed sampling.

CHANGE OF SAMPLING SITES

Original site address: _____

New site address: _____

Distance between sites (approximately): _____

Targeting Criteria: New Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3 Old Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3

Reason for sample site change:

_____

_____

SIGNATURE: _____ DATE: _____

Print Name _____ Title _____

Attachment K

Emergency Notification Plan Form

State of California—Health and Human Services Agency
California Department of Public Health

RON CHAPMAN, MD, MPH
Director & State Health Officer

EDMUND G. BROWN JR.
Governor

System No._____

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Water System: _____

The California Health and Safety Code, Section 116460, requires that every person who supplies water to a user for domestic purposes submit an emergency notification plan to the local health authority. This plan is to be implemented whenever the health authority determines that your water supply fails to meet water quality standards and represents an immediate danger to the health of the user. It is recommended that this same plan be used for water outages and rationing resulting from natural or man made disasters.

For systems serving fewer than 200 customers it is recommended that the means of notification of customers be by door-to-door contact or written handout sheets.

Please acknowledge your concurrence and acceptance with this means of notification. If you agree to notify customers by door-to-door contact or written handout sheets, check the "Standard Plan" section of the form. If you propose to use some other method, complete the "Alternate Plan" section of this form.

☐ STANDARD PLAN: I concur with the above-mentioned plan.
☐ ALTERNATE PLAN: I propose to notify my water consumers by the following method:

_____

_____

The following persons have been designated by the water system to implement the plan upon notification by the State Department of Public Health that an imminent danger to the health of the water users exists:

Name	Title	Telephone Day	Telephone Evening
1.			
2.			

Implementation of the plan will be carried out with the following State and County Health Department personnel:

Name	Title	Telephone Day	Telephone Evening
1. Jesse Dhaliwal,	Senior Sanitary Engineer	(661) 335-7318	(661) 654-0323
2. Abdel-Rahman Shurbaji,	Associate Sanitary Engineer	(661) 335-7317	(661) 665-0123

If the above personnel cannot be reached, contact:

Office of Emergency Services Warning Center (24 hrs) **(800) 852-7550 or (916) 845-8911**
When reporting a water quality emergency to the Warning Center, please ask for the California Department of Public Health – Drinking Water Program Duty Officer.

Report prepared by:

_____ _____
Signature and Title Date